AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

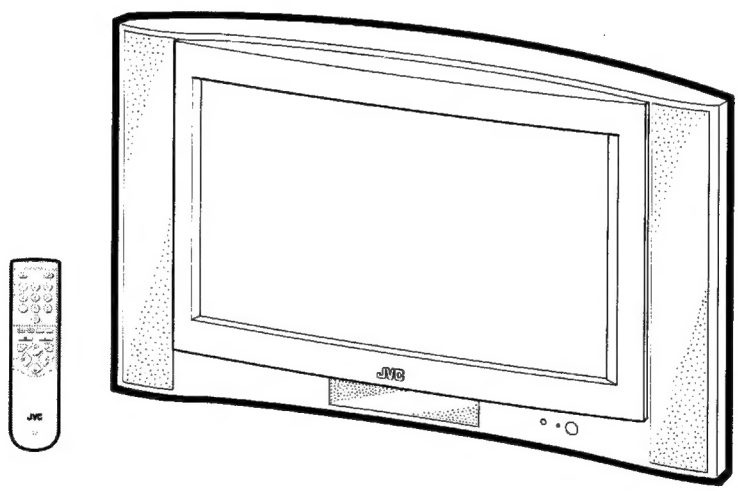
JVC

SERVICE MANUAL

COLOUR TELEVISION

AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

BASIC CHASSIS
JL



CONTENTS

No. 51968
May 2002

AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

SPECIFICATIONS

Item	Content		
	AV32T25EKS AV32T55EKS	AV32T25EIS	AV32R25EKS AV32R250EKS
Dimensions (W × H × D)	946mm × 561.5mm × 547mm		946mm × 561.5mm × 551mm
Mass	54.5kg		57.5kg
TV RF System	CCIR (I)		
Colour System	PAL NTSC (Only in EXT mode)		
Stereo System	NICAM		
Teletext System	FLOF (Fastext) WST(Standard system)		
Receiving Frequency VHF UHF	———	47MHz ~ 470MHz ←	——— ←
	470MHz ~ 862MHz		
Intermediate Frequency			
VIF Carrier	38.9MHz (I)		
SIF Carrier	32.9MHz (6.0MHz:I)		
Colour Sub Carrier Freq.			
PAL	4.43MHz		
NTSC	3.58MHz / 4.43MHz		
Power Input	AC 220V~240V , 50Hz		
Power Consumption	200W(Max) / 127W(Avg) Standby : 3W		
Aerial Input Term	75 Ω unbalanced, Coaxial		
Picture Tube	Visible size : 76cm, Measured diagonally		
High Voltage	31.0kV $^{+1kV}_{-1.5kV}$ (CRT cut off , FULL mode)		
Speaker	6.5cm × 13cm Oval type × 2		6.5cm × 13cm Oval type × 2(side) 4cm × 16cm Oval type × 1 (center) φ 13cm Round type × 1 (sub woofer)
Audio Output	10W + 10W		10W + 10W + 10W + 18W
EXT-1/EXT-2/EXT-3 (Input / Output)	21-pin Euro connector (SCART socket)		
EXT-4 (Input) Video	1Vp-p 75Ω (RCA pin jack)		
Audio(L/R)	500mVrms(-4dBs), High Impedance (RCA pin jack)		
S / Video	Y : 1Vp-p POSITIVE (Negative sync Provided, when terminated with 75Ω)		
	C : 0.286Vp-p (Burst signal, when terminated with 75Ω)		
AUDIO OUT (Variable)	0~1Vrms, Low Impedance (RCA pin jack × 2)		
SURROUND REAR output	———		7.5W + 7.5W, Impedance 8 Ω (Push terminal)
Headphone jack	Stereo minijack (φ 3.5mm)		
Remote Control Unit	RM-C55H		RM-C60H

Design & specifications are subject to change without notice.

[AV32R25EKS / AV32R250EKS only]

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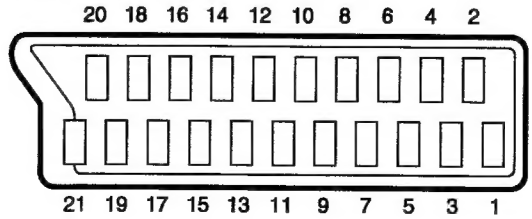
■21-pin Euro connector (SCART socket) : EXT-1 / EXT-2 / EXT-3

(P-P= Peak to Peak, S-W= Sync tip to white peak, B-W= Blanking to white peak)

Pin No.	Signal Designation	Matching Value	EXT-1	EXT-2	EXT-3
1	AUDIO R output	500mVrms(Nominal), Low impedance	O (TV OUT)	O (LINE OUT)	NC
2	AUDIO R input	500mVrms(Nominal), High impedance	O	O	O
3	AUDIO L output	500mVrms(Nominal), Low impedance	O (TV OUT)	O (LINE OUT)	NC
4	AUDIO GND		O	O	O
5	GND (B)		O	O	O
6	AUDIO L input	500mVrms(Nominal), High impedance	O	O	O
7	B input	$700mV_{B-W}$, 75Ω	O	NC	NC
8	FUNCTON SW (SLOW SW)	Low : 0-3V, High : 8-12V, High impedance	O	O	O
9	GND (G)		O	O	O
10	SCL3		NC	O	NC
11	G input	$700mV_{B-W}$, 75Ω	O	NC	NC
12	SDA3		NC	O	NC
13	GND (R)		O	O	O
14	GND (Y_S)		O	NC	NC
15	R / C input	R : $700mV_{B-W}$, 75Ω C : $300mV_{P-P}$, 75Ω	O (only R)	O (only C)	O (only C)
16	Ys input	Low : 0 - 0.4, High : 1 - 3V, 75Ω	O	NC	NC
17	GND(VIDEO output)		O	O	O
18	GND(VIDEO input)		O	O	O
19	VIDEO output	$1V_{P-P}$(Negative going sync), 75Ω	O (TV)	O (LINE OUT)	NC
20	VIDEO / Y input	$1V_{P-P}$(Negative going sync), 75Ω	O	O	O
21	COMMON GND		O	O	O

[Pin assignment]



SAFETY PRECAUTIONS

1. The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.

2. Alterations of the design or circuitry of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.

3. Many electrical and mechanical parts in the product have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessary be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the Parts List of Service Manual may cause shock, fire, or other hazards.

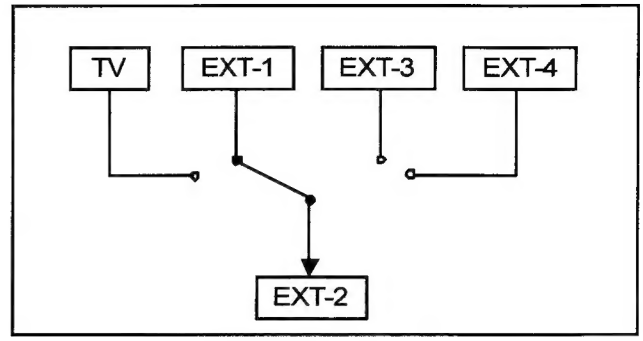
4. The leads in the products are routed and dressed with ties, clamps, tubing's, barriers and the like to be separated from live parts, high temperature parts, moving parts and / or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.

WARNING

1. The equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

FEATURES

- By preference, users can select the picture size from REGULAR, PANORAMIC, FULL, 14:9 ZOOM, 16:9 ZOOM, 16:9 ZOOM SUB TITLE modes. When the TV unit received WSS picture signal, the picture can be changed to 16:9 ZOOM mode automatically.
- The TELETEXT SYSTEM has a built-in FASTEXT, and WST system.
- Because this TV unit corresponds to multiplex broadcast, users can enjoy music programs and sporting events with live realism. In addition, BILINGUAL programs can be heard in their original language.
- Users can make VCR dubbing of picture and sound by controlling the AV selector to select an optional source at the EXT-2 output shown in figure.
- Built-inn DOLBY PRO LOGIC 3D-PHONE function.
  [Only AV32R25EKS / AV32R250EKS]



MAIN DIFFERENCE LIST

⚠	Model Name / Part Name	AV32T25EKS	AV32T55EKS	AV32T25EIS	AV32R25EKS	AV32R250EKS
	MAIN PB ASSY	SJL-1004A-U2	←	SJL-1007A-U2	SJL-1008A-U2	←
	DEF POWER PB ASS	SJL-2002A-U2	←	←	SJL-2004A-U2	←
	CRT SKT PB ASSY	SJL-3002A-U2	←	←	←	←
	FRONT CTRL ASSY	SJL-8004A-U2	←	←	←	←
	SIDE CTRL ASSY	SJL-8104A-U2	←	←	SJL-8102A-U2	←
	AV SW PB ASSY	SJL0S002A-U2	←	←	SJL0S003A-U2	←
	DOLBY PB ASSY	—	—	—	SJL0D001A-U2	←
⚠	AV BOARD	LC11010-004A-U	←	←	LC11336-001B-U	←
⚠	RATING LABEL	LC11364-004A-U	LC11364-014A-U	LC11364-017A-U	LC11364-002A-U	LC11364-015A-U
⚠	SP BOX T	—	—	—	LC11308-001A-U	←
⚠	SP BOX B	—	—	—	LC11309-001A-U	←
	SPEAKER (SP03)	—	—	—	QAS0110-001	←
	SPEAKER (SP04)	—	—	—	QAS0092-001	←
	SPEAKER PANEL	LC21065-001A-U	←	←	LC21031-001A-U	←
⚠	F CABI ASSY	LC11360-002B-U	←	←	LC11360-001B-U	LC11360-001A-U
	JVC MARK	LC41250-002C-C	LC41250-001A-C	←	LC41250-002C-C	LC41250-001A-C
	CUSHION ASSY	LC11373-001A	←	←	LC11361-001A	←
⚠	INST BOOK	LCT1153-001A-U	←	←	LCT1152-001A-U	←
	REG CARD	AEM3148-001-E	←	—	AEM3148-001-E	←
	RC HAND UNIT	RM-C55H-1C	←	←	RM-C60H-1C	←
	EURO LABEL	AEM1064-006-E	AEM1064-029-E	AEM1064-008-E	AEM1064-001-E	AEM1064-016-E

AV32T25EKS
AV32T55EKS
AV32T25EIS

SPECIFIC SERVICE INSTRUCTIONS

AV32T25EKS / AV32T55EKS / AV32T25EIS
DISASSEMBLY PROCEDURE

REMOVING THE REAR COVER

1. Unplug the power cord.
2. Remove the 13 screws marked **A** as shown in the Fig. 1.
3. Withdraw the rear cover toward you.

REMOVING THE SIDE CONTROL JACK ASSEMBLY

- After removing the rear cover.

1. Remove the screw marked **B** as shown in the Fig.1.
2. While slightly raise the side control jack assembly, remove the 2 claws under the side control jack assembly.
3. Disconnect the connector "**SR**", "**SL**", "**S**", "**F**" and "**CN016**" as shown in Fig 2.

REMOVING THE SIDE CONTROL PWB

- After removing the rear cover and side control jack assembly.

1. Remove the 3 claws **C** from back side of the side control jack assembly as shown in Fig.2.
2. Pull out the SIDE CONTROL PWB.

REMOVING THE CHASSIS

- After removing the rear cover.

1. Slightly raise the both sides of the chassis by hand and remove the two claws under the both sides of the chassis from the front cabinet.
2. Withdraw the chassis backward.
   (If necessary, take off the wire clamp, connectors etc.)

REMOVING THE POWER & DEF. PWB

- After removing the CHASSIS.

1. Remove the 3 screws marked **D** as shown in the Fig.1.
2. Remove the POWER & DEF. PWB upper.
   (If necessary, take off the wire clamp, connectors, etc.)

REMOVING THE SPEAKER

- After removing the rear cover.

1. Remove the 2 screws marked **E**, and remove the speaker holder as shown in Fig. 1.

NOTE : When removing the screws marked **E** of the speaker holder remove the lower side screw first, and then remove the upper one.

2. Remove the 2 screws **F** attaching the speaker.
3. Follow the same steps when removing the other hand speaker.

REMOVING THE AV TERMINAL BOARD

- After removing the rear cover.

1. Remove the 3 screws marked **G** as shown in the Fig. 1.
2. Remove the 2 claws marked **H** under the CHASSIS as shown in Fig. 3.
3. Remove the AV TERMINAL BOARD slightly in the direction of arrow **I** as shown in Fig. 3.

CHECKING THE PW BOARD

To check the back side of the PW Board.

1) Pull out the chassis. (Refer to REMOVING THE CHASSIS).
2) Erect the chassis vertically so that you can easily check the back side of the PW Board.

[CAUTION]

- When erecting the chassis, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the wire connector is properly connected.
- When conducting a check with power supplied, be sure to confirm that the CRT EARTH WIRE (BRAIDED ASS'Y) is connected to the CRT SOCKET PW board.

WIRE CLAMPING AND CABLE TYING

1. Be sure to clamp the wire.
2. Never remove the cable tie used for tying the wires together.
   Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

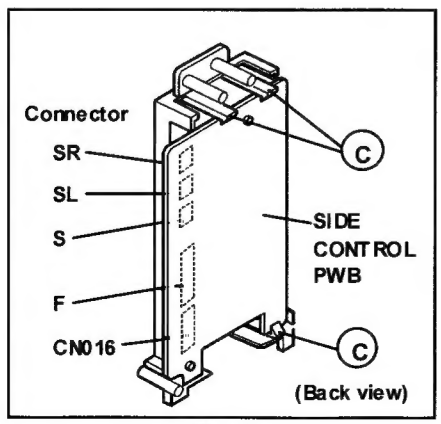


Fig. 2

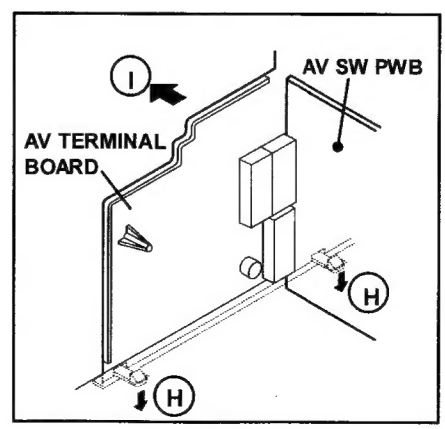


Fig. 3

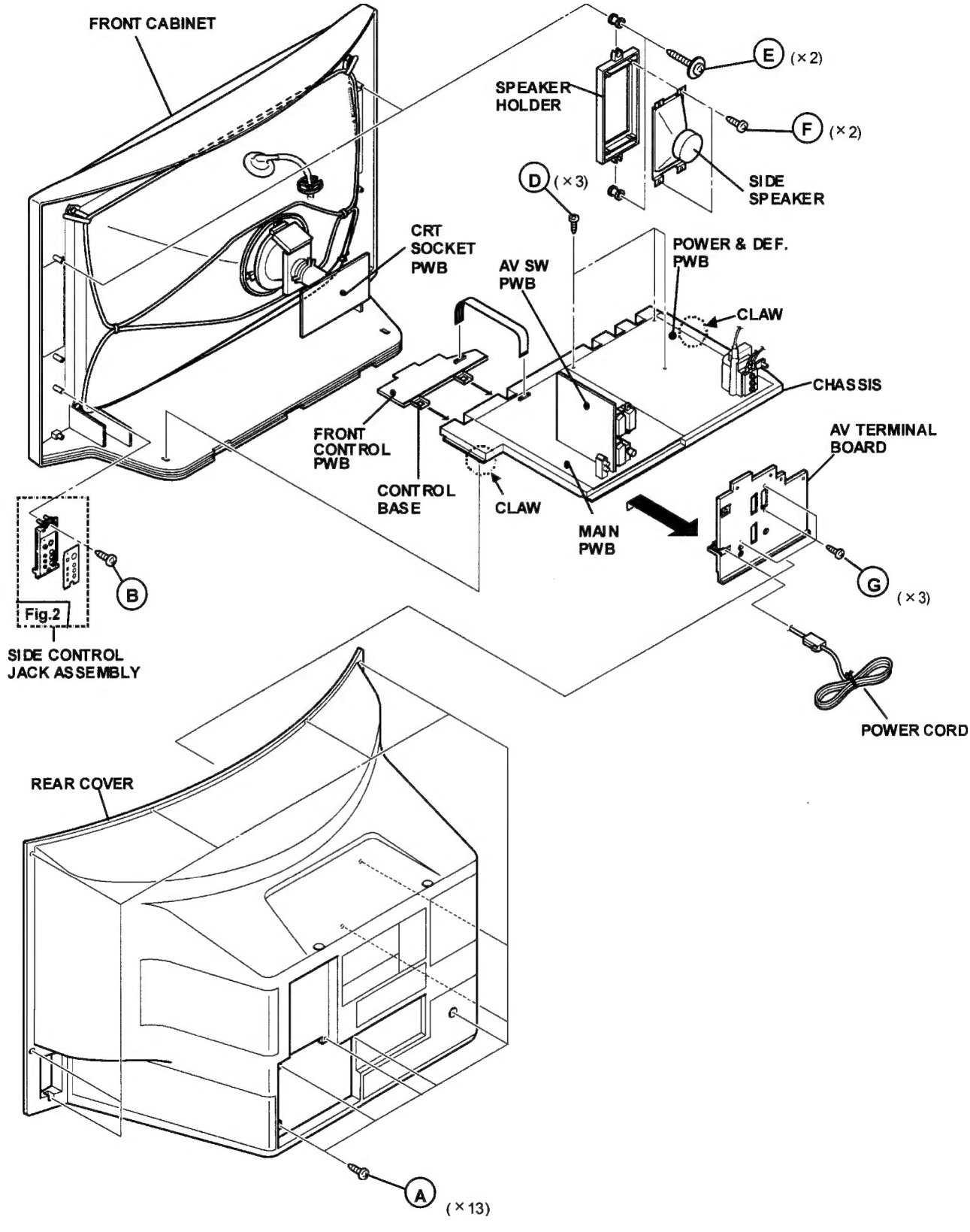

FRONT CABINET
E (×2)
SPEAKER HOLDER
F (×2)
SIDE SPEAKER
D (×3)
CRT SOCKET PWB
AV SW PWB
POWER & DEF. PWB
CLAW
CHASSIS
FRONT CONTROL PWB
CONTROL BASE
CLAW
MAIN PWB
AV TERMINAL BOARD
G (×3)
B
Fig.2
SIDE CONTROL JACK ASSEMBLY
POWER CORD
REAR COVER
A (×13)

Fig. 1

AV32R25EKS / AV32R250EKS
DISASSEMBLY PROCEDURE

REMOVING THE SUB WOOFER UNIT & THE REAR COVER

1. Unplug the power cord.
2. Remove the SUB WOOFER CORD from the AV TERMINAL BOARD.
3. Pull up the SUB WOOFER UNIT on the top of the rear cover upward.
4. Remove the 13 screws marked **A** as shown in the Fig. 4.
5. Withdraw the rear cover toward you.

REMOVING THE SIDE CONTROL JACK ASSEMBLY

- After removing the rear cover.

1. Remove the screw marked **B** as shown in the Fig.1.
2. While slightly raise the side control jack assembly, remove the 2 claws under the side control jack assembly.
3. Disconnect the connector "**SR**", "**SL**", "**S**", "**F**" and "**CN016**" as shown in Fig. 5.

REMOVING THE SIDE CONTROL PWB

- After removing the rear cover and side control jack assembly.

1. Remove the 3 claws **C** from back side of the side control jack assembly as shown in Fig. 5.
2. Pull out the SIDE CONTROL PWB.

REMOVING THE CHASSIS

- After removing the rear cover.

1. Slightly raise the both sides of the chassis by hand and remove the two claws under the both sides of the chassis from the front cabinet.
2. Withdraw the chassis backward.
   (If necessary, take off the wire clamp, connectors etc.)

REMOVING THE POWER & DEF. PWB

- After removing the chassis.

1. Remove the 3 screws marked **D** as shown in Fig. 4.
2. Remove the POWER & DEF. PWB upper.
   (If necessary, take off the wire clamp, connectors etc.)

REMOVING THE CENTER SPEAKER

- After removing the rear cover and chassis.

1. Remove the 2 screws marked **E** as shown in Fig. 4.
2. Remove the center speaker. If necessary, detach the cables.

REMOVING THE SIDE SPEAKER

- After removing the rear cover.

1. Remove the 2 screws marked **F**, and remove the speaker holder as shown in Fig. 4.

NOTE: When removing the screws marked **F** of the speaker holder remove the lower side screw first, and then remove the upper one.

2. Remove the 2 screws **G** attaching the speaker.
3. Follow the same steps when removing the other hand speaker.

REMOVING THE AV TERMINAL BOARD

- After removing the rear cover.

1. Remove the 5 screws marked **H** as shown in the Fig. 4.
2. Remove the 2 claws marked **I** under the CHASSIS as shown in Fig. 6.
3. Remove the AV TERMINAL BOARD slightly in the direction of arrow **J** as shown in Fig. 6.
4. After removing the craw **K** on the connector for SUB WOOFER, pull out the connector for SUB WOOFER. (Fig. 7)

CHECKING THE PW BOARD

To check the back side of the PW Board.

1) Pull out the chassis. (Refer to REMOVING THE CHASSIS).
2) Erect the chassis vertically so that you can easily check the back side of the PW Board.

[CAUTION]

- When erecting the chassis, be careful so that there will be no contacting with other PW Board.
- Before turning on power, make sure that the wire connector is properly connected.
- When conducting a check with power supplied, be sure to confirm that the CRT EARTH WIRE (BRAIDED ASS'Y) is connected to the CRT SOCKET PW board.

WIRE CLAMPING AND CABLE TYING

1. Be sure to clamp the wire.
2. Never remove the cable tie used for tying the wires together. Should it be inadvertently removed, be sure to tie the wires with a new cable tie.

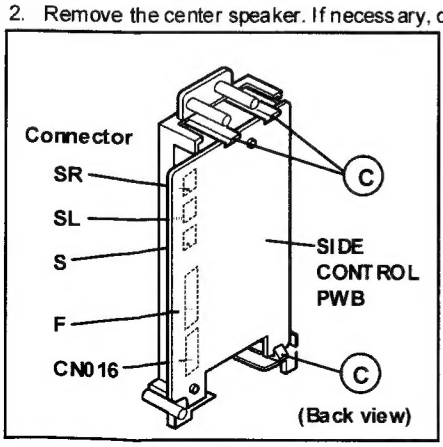


Fig. 5

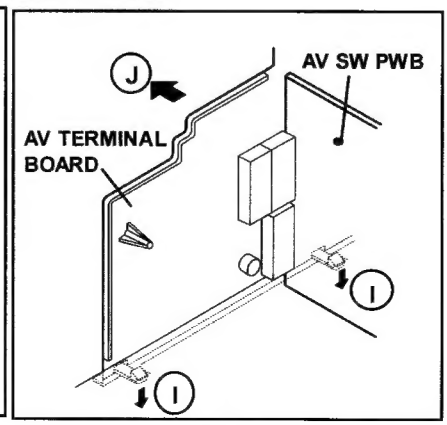


Fig. 6

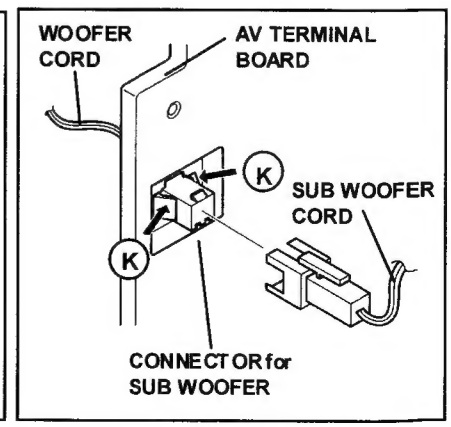


Fig. 7

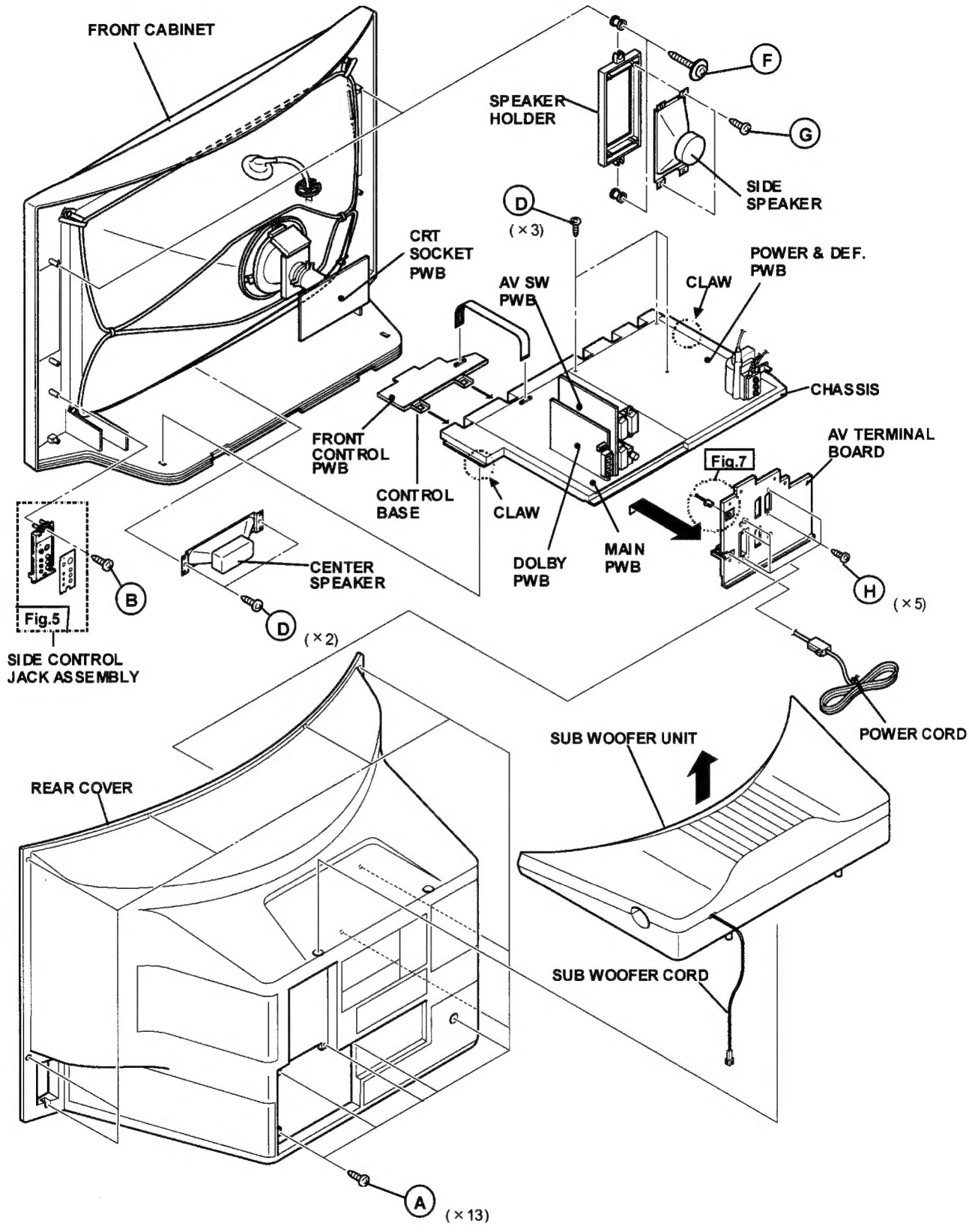

FRONT CABINET
SPEAKER HOLDER
F
G
SIDE SPEAKER
D
(×3)
CRT SOCKET PWB
AV SW PWB
CLAW
POWER & DEF. PWB
CHASSIS
FRONT CONTROL PWB
CONTROL BASE
CLAW
AV TERMINAL BOARD
Fig.7
DOLBY PWB
MAIN PWB
H
(×5)
B
Fig.5
SIDE CONTROL JACK ASSEMBLY
CENTER SPEAKER
D
(×2)
POWER CORD
SUB WOOFER UNIT
REAR COVER
SUB WOOFER CORD
A
(×13)

Fig. 4

REMOVING THE CRT

* Replacement of the CRT should be performed by 2 or more persons.
- After removing the cover, chassis etc.,
1. Putting the CRT change table on soft cloth, the CRT change table should also be covered with such soft cloth (shown in Fig. 8).
2. While keeping the surface of CRT down, mount the TV set on the CRT change table balanced will as shown in Fig. 9.
3. Remove 4 screws marked by arrows with a box type screw driver as shown in Fig. 9.
- Since the cabinet will drop when screws have been removed, be sure to support the cabinet with hands.
4. After 4 screws have been removed, put the cabinet slowly on cloth (At this time, be carefully so as not to damage the front surface of the cabinet) shown in Fig. 10.
- The CRT should be assembled according to the opposite sequence of its dismounting steps.
* The CRT change table should preferably be smaller that the CRT surface, and its height be about 35cm.

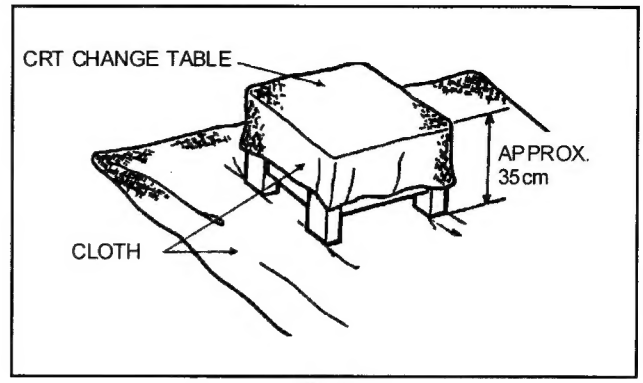


Fig. 8

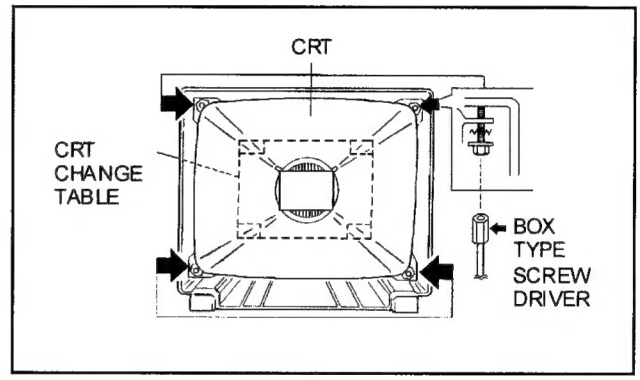


Fig. 9

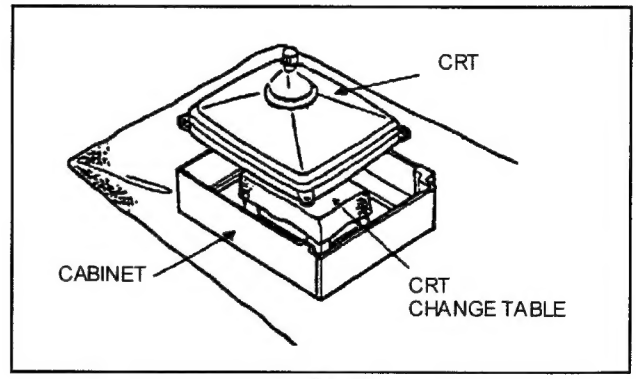
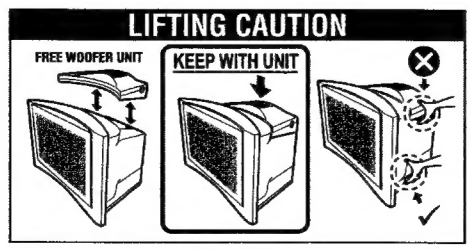


Fig. 10

CAUTION (Only AV32R25EKS / AV32R250EKS)

- The woofer unit is mounted on the TV. Always move the TV and woofer unit together when removing the TV from the box, or when moving the woofer unit.
- If the TV is tilted during movement the woofer unit may fall. Be careful to keep the TV level when moving it.
- Do not grip the woofer unit when moving the TV.
- Do not place objects on the woofer unit duct.



REPLACEMENT OF CHIP COMPONENT

■ CAUTIONS

1. Avoid heating for more than 3 seconds.
2. Do not rub the electrodes and the resist parts of the pattern.
3. When removing a chip part, melt the solder adequately.
4. Do not reuse a chip part after removing it.

■ SOLDERING IRON

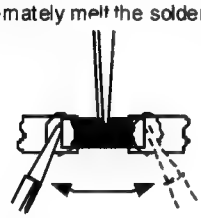
1. Use a high insulation soldering iron with a thin pointed end of it.
2. A 30w soldering iron is recommended for easily removing parts.

■ REPLACEMENT STEPS

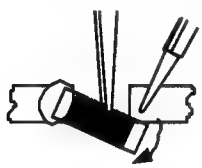
1. How to remove Chip parts

◆ **Resistors, capacitors, etc**

(1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



(2) Shift with tweezers and remove the chip part.



◆ **Transistors, diodes, variable resistors, etc**

(1) Apply extra solder to each lead.

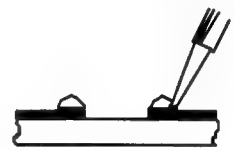
(2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.

Note : After removing the part, remove remaining solder from the pattern.

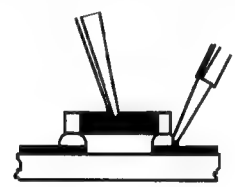
2. How to install Chip parts

◆ **Resistors, capacitors, etc**

(1) Apply solder to the pattern as indicated in the figure.

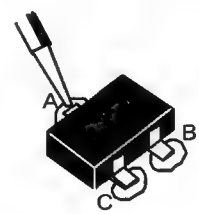


(2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

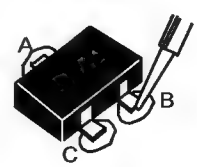


◆ **Transistors, diodes, variable resistors, etc**

(1) Apply solder to the pattern as indicated in the figure.
(2) Grasp the chip part with tweezers and place it on the solder.
(3) First solder lead **A** as indicated in the figure.



(4) Then solder leads **B** and **C**.



AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

REPLACEMENT OF MEMORY IC

1. Memory IC

This TV use memory IC. In the memory IC, there are memorized data for correctly operating the video and deflection circuits. When replacing memory IC, be sure to use IC written with the initial values of data.

2. Procedure for replacing memory IC

PROCEDURE
(1) **Power off** Switch the power off and unplug the power cord from the outlet.
(2) **Replace IC.** Be sure to use memory IC written with the initial data values.
(3) **Power on** Plug the power cord into the outlet and switch the power on.
(4) **Check and set SYSTEM CONSTANT SET:** * It must not adjust without signal. 1) Press the INFORMATION key and the MUTING key of the REMOTE CONTROL UNIT simultaneously. 2) The SERVICE MENU screen of Fig. 1 will be displayed. 3) While the SERVICE MENU is displayed, press the INFORMATION key and MUTING key simultaneously, and the SYSTEM CONSTANT SET screen of Fig. 2 will be displayed. 4) Check the setting values of the SYSTEM CONSTANT SET of Table 1. If the value is different, select the setting item with the FUNCTION UP/DOWN key, and set the correct value with the FUNCTION -/+ key. 5) Press the MENU key to memorize the setting value. 6) Press the INFORMATION key twice, and return to the normal screen.
(5) **Setting of receive channels** Set the receive channel. For setting, refer to the OPERATING INSTRUCTIONS.
(6) **User settings** Check the user setting values of Table 2, and if setting value is different, set the correct value. For setting, refer to the OPERATING INSTRUCTIONS.
(7) **Setting of SERVICE MENU** Verify the setting items of the **SERVICE MENU** of Table 3, and reset where necessary. For setting, refer to the SERVICE ADJUSTMENTS.

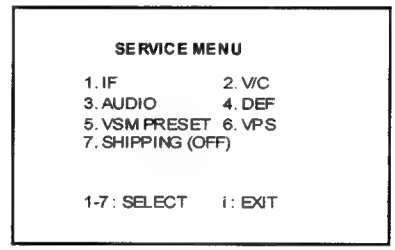


Fig.1

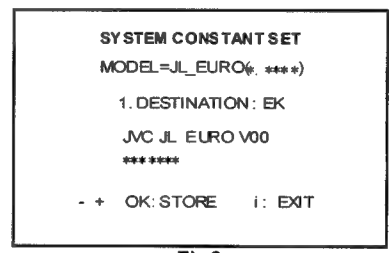


Fig.2

NAME OF REMOTE CONTROL KEY

Names of key	key
INFORMATION	
MUTING	
MENU	
FUNCTION UP/DOWN	
FUNCTION -/+	

SETTING VALUES OF SYSTEM CONSTANT SET (TABLE 1)

Setting item	Setting content	Setting value	Setting item	Setting content	Setting value
1.DESTINATION	EK→EI→EP	EK EI(Only AV32T25EIS)	5.COMB	YES ⟷ NO	NO
2.DOLBY	YES ⟷ NO	NO(AV32T***) YES(AV32R***)	6.PICTUR TILT	YES ⟷ NO	NO
3.BBE	YES ⟷ NO	NO	7.FLAT	YES ⟷ NO	YES
4.TV SPEAKER	YES ⟷ NO	YES	8.3-D	YES ⟷ NO	NO

USER SETTING VALUES (TABLE 2)

SOUND LEVEL	10	SUB POWER	ON
SHIPPING CHANNEL	1	ZOOM MODE	PANORAMIC

USER MENU SETTING			
PICTURE SETTING		**EXT SETTING**	
TINT CONTRAST BRIGHT SHARP COLOUR	COOL REFER to VSM PRESET	DUBBING	EXT-1→EXT-2
PICTURE FEATURES		**FEATURES**	
AUTO VNR COLOUR SYSTEM 4:3 AUTO ASPECT	AUTO TV : According to preset CH EXT : AUTO PANORAMIC	SLEEP TIMER BLUE BACK CHILD LOCK DECODER (EXT-2)	OFF ON ID : No.**** ALL CH OFF OFF
SOUND SETTING		**INSTALL**	
STEREO / Ⅰ・Ⅱ BASS TREBLE	⬭ CENTER CENTER	LANGUAGE EDIT/MANUAL	ENGLISH PRESET CH only The others : BLANK
DIGITAL SURROUND (AV32R*)**			
PRO LOGIC 3-D PHONIC LEVEL	CINEMA / SPORT CENTER	DEMO	OFF

SERVICE MENU SETTING ITEMS (TABLE 3)

Setting item	Setting value	Setting item	Setting value
1. IF	VCO	4. DEF.	1. V-SHIFT 2. V-SIZE 3. SUBTITLE 4. H-CENT 5. H-SIZE 6. EW-PIN 7. TRAPEZ 8. EW. COR. L 9. EW. COR. H 10. V. S-COR 11. V- LIN 12. H-BLK-R 13. H-BLK-L 14. V-EHT 15. H-EHT 16. EHT-GAIN
2. V / C	1. CUT OFF 2. DRIVE 3. BRIGHT 4. CONT. 5. COLOUR 6. HUE 7. BLACK OFFSET (Only SECAM) 8. SHARP	5. VSM PRESET COOL NORMAL WARM	1. BRIGHT 2. CONT. 3. COLOUR 4. SHARP 5. HUE 6. R DRIVE 7. B DRIVE
3. AUDIO **(Do not adjust)**	1. ERROR LIMIT 2. A2 ID THR 3. BASS 4. TREBLE	6. VPS **(Do not adjust)**	VPS PDC WSS
		7. SHIPPING **(Do not adjust)**	ON / OFF

SERVICE ADJUSTMENTS

BEFORE STARTING SERVICE ADJUSTMENT

1. **There are 2 ways of adjusting this TV: One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.**
2. **The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**
3. Make sure that connection is correctly made to AC power source.
4. Turn on the power of the TV and measuring instrument for warming up for at least 30 minutes before starting adjustment.
5. If the receive or input signal is not specified, use the most appropriate signal for adjustment.
6. Never touch parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.
7. Preparation for adjustment (presetting):
   Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT:

● Setting position

PICTURE MODE (VSM)	NORMAL
SLEEP TIMER	OFF
BALANCE	CENTER
ZOOM	PANORAMIC

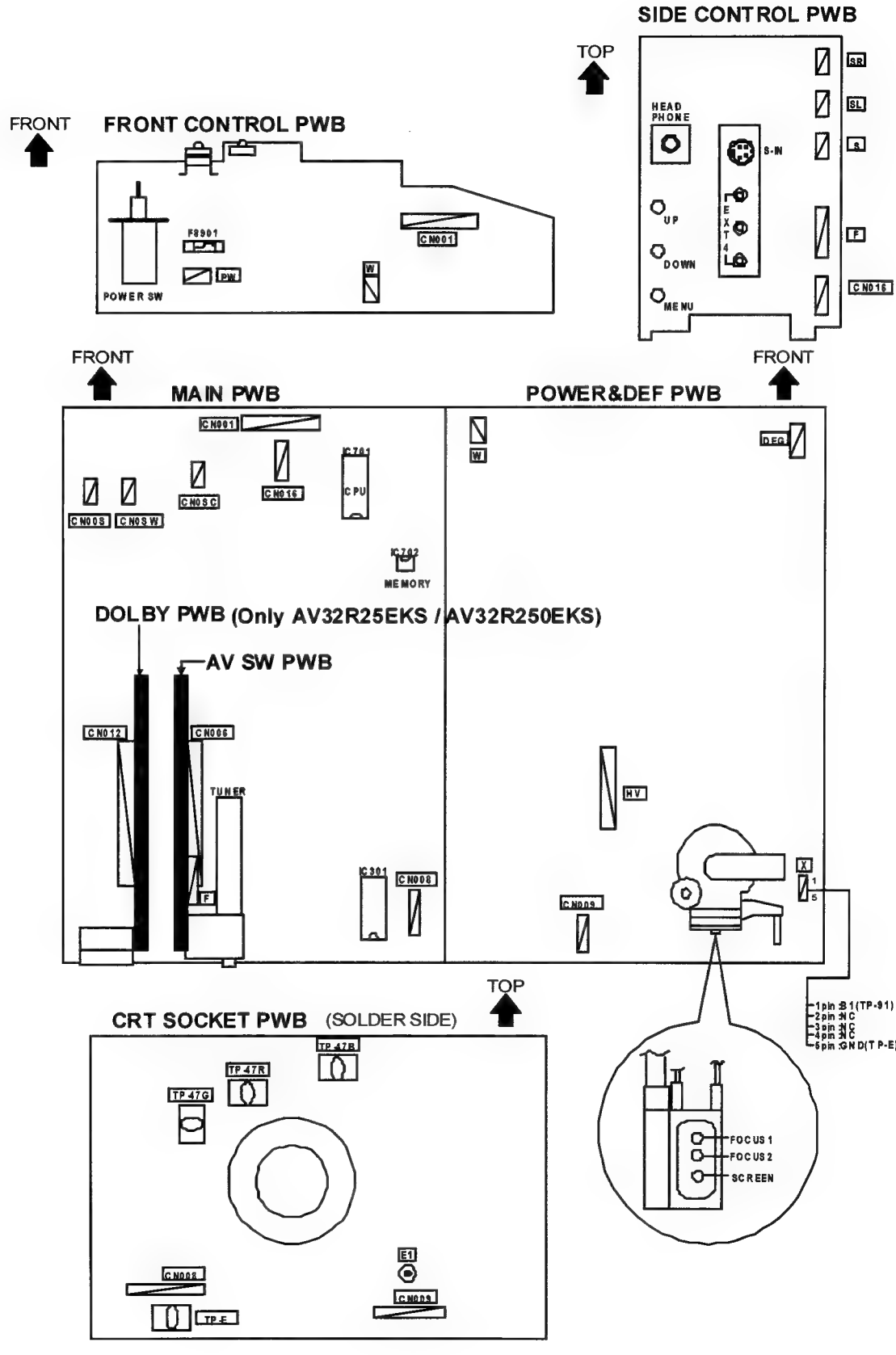
MEASURING INSTRUMENT AND FIXTURES

1. DC voltmeter (or digital voltmeter)
2. Oscilloscope
3. Signal generator (Pattern generator) [PAL / NTSC]
4. Remote control unit

ADJUSTMENT ITEMS

- B1 POWER SUPPLY check.
- HIGH VOLTAGE check.
- FOCUS Adjustment.
- IF circuit adjustment.
- VSM preset adjust setting.
- VIDEO / CHROMA circuit adjustment.
- DEFLECTION circuit adjustment.
- H BLANKING adjustment.
- AUDIO circuit adjustment. (Do not adjust)

ADJUSTMENT LOCATIONS



AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

BASIC OPERATION SERVICE MENU

1. TOOL OF SERVICE MENU OPERATION

Operate the SERVICE MENU with the REMOTE CONTROL UNIT.

2. SERVICE MENU ITEMS

With the SERVICE MENU, various settings (adjustments) can be made, and they are broadly classified in the following items of settings (adjustments):

(1) **1. IF** ····· This mode adjusts the setting values of the IF circuit.

(2) **2.V/C** ····· This mode adjusts the setting values of the VIDEO / CHROMA circuit.

(3) **3.AUDIO** ····· This mode adjusts the setting values of the multiplicity SOUND circuit. **(Do not adjust)**

(4) **4.DEF** ····· This mode adjusts the setting values of the DEFLECTION circuit for each aspect mode given below.

REGULAR	(50/60Hz)
PANORAMIC	(50/60Hz)
14:9 ZOOM	(50/60Hz)
16:9 ZOOM	(50/60Hz)
16:9 SUB TITLE	(50/60Hz)
FULL	(50/60Hz)

(5) **5.VSM PRESET** ····· This mode adjusts the initial setting values of COOL, NORMAL and WARM.
(VSM : Video Status Memory)

(6) **6.VPS** ····· This mode shows the monitor of the VPS, PDC and WSS. **(Do not adjust)**
(VPS : Video Program System, PDC : Program Delivery Code, WSS : Wide Screen Signaling)

(7) **7.SHIPPING** ····· This menu is set at shipping. **(Do not adjust)**

3. BASIC OPERATION OF SERVICE MENU

(1) **How to enter SERVICE MENU**

Press the INFORMATION key and the MUTING key of the REMOTE CONTROL UNIT simultaneously, and the SERVICE MENU screen of Fig. 1 will be displayed.

SERVICE MENU

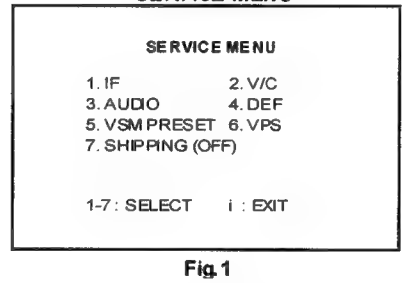


Fig.1

(2) **Selection of SUB MENU SCREEN**

Press one of keys 1~7 of the REMOTE CONTROL UNIT and select the SUB MENU SCREEN (See Fig. 3), form the SERVICE MENU.

SERVICE MENU → SUB MENU

1. IF
2. V / C
3. AUDIO
4. DEF.
5. VSM PRESET
6. VPS
7. SHIPPING

NEME OF REMOTE CONTOROL KEY

Names of key	key
INFORMATION	
MUTING	
MENU	
FUNCTION UP/DOWN	
FUNCTION -/+	

Fig.2

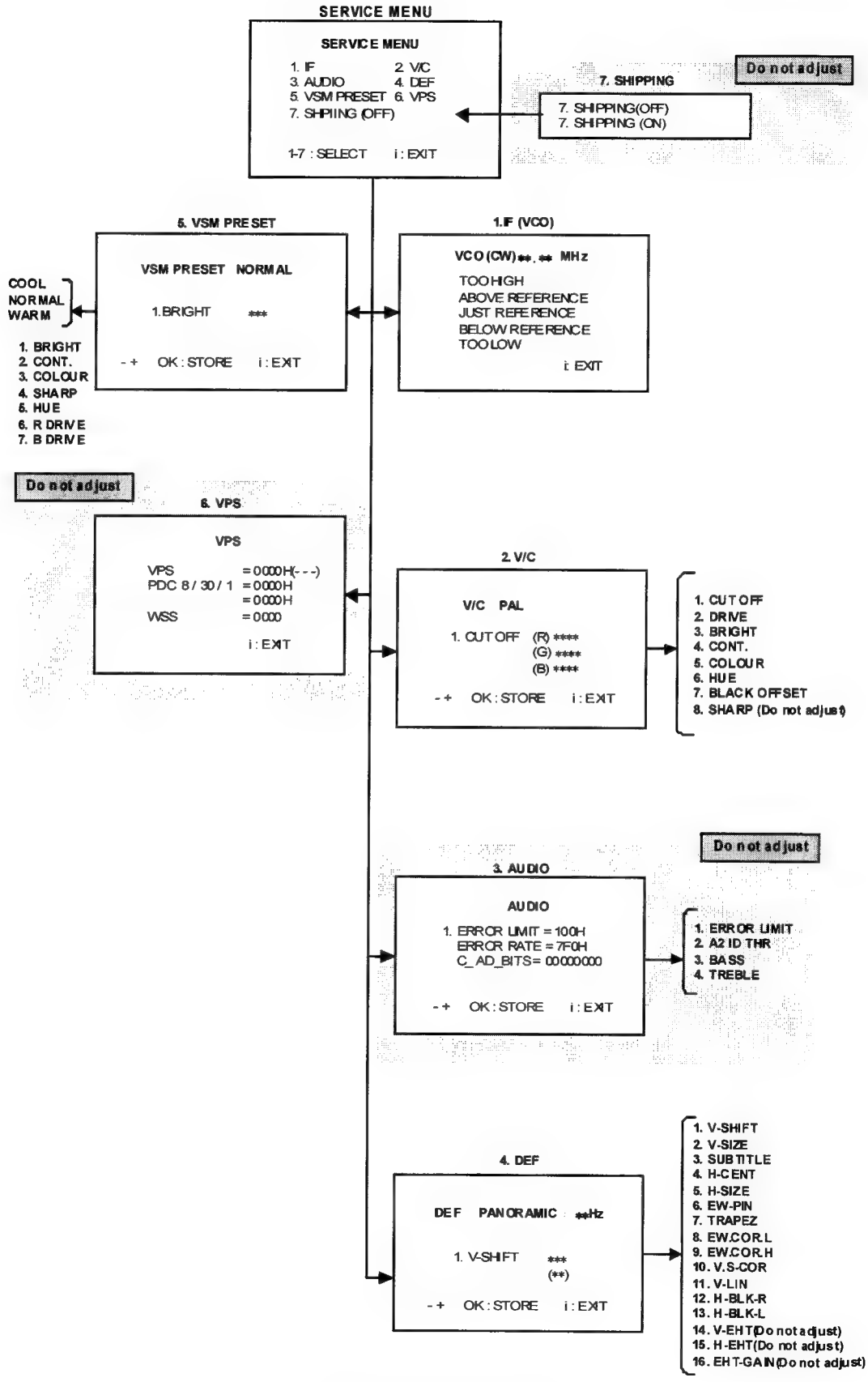


Fig. 3 SUB MENU SCREEN

(3) **Method of Setting**

1) Method of Setting **1.IF**

[VCO]

① 1 Key ····· Select 1.IF.

② The VCO (CW) screen will be displayed in yellow when the AFC voltage is at a certain level and in blue when it is at other levels.

③ INFORMATION Key ····· Return to the SERVICE MENU screen.

2) Method of setting **2.V/C, 3.AUDIO, 4.DEF** and **5.VSM PRESET.**

① 2~5 Key ····· Select one from **2.V/C, 3.AUDIO, 4.DEF** and **5.VSM PRESET**.

② FUNCTION UP / DOWN Key ···· Select setting items.

③ FUNCTION -/+ ····· Set (adjust) the setting values of the setting items.
(Use the number keys of the REMOTE CONTROL UNIT for setting of WHITE BALANCE.
For the setting, refer to each item concerned.)

④ MENU Key ····· Memorize the setting value.
(Before storing the setting values in memory, do not press the CH, TV, POWER ON / OFF key - if you do, the values will not be stored in memory.)

⑤ INFORMATION Key ····· Return to the **SERVICE MENU** screen.

3) Method of setting **6.VPS** and **7.SHIPPING**.

6.VPS ····· This mode displayed monitor of VPS, PDC, WSS. **(Do not adjust)**

7.SHIPPING ····· When the MAIN POWER is turned on with the state of SHIPPING ON, you get a mode that initializes every existing set value including language selection. Because this mode is set at the factory upon completion of the adjustment, you need not to use it for service.
(Do not adjust in this mode.)

(4) **Release of SERVICE MENU**

1) After completing the setting, return to the SERVICE MENU, then again press the INFORMATION key.

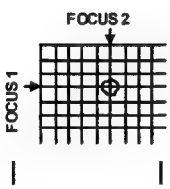
ADJUSTMENTS

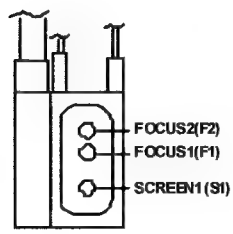
CHECK ITEM

Item	Measuring instrument	Test point	Adjustment part	Description
B1 POWER SUPPLY Check	Signal generator DC voltmeter Remote control unit	TP-91(B1) TP-E(⏚) [X connector on POWER DEF PWB]		1. Receive a any broadcast. 2. Push the "ZOOM" key and select the FULL mode. 3. Select 2.V/C from the SERVICE MENU. 4. Select 1. CUT OFF with Function UP/DOWN key. 5. Show one horizontal line with the 1 key. 6. Turn the SCREEN VR, the whole black screen display. 7. Connect a DC voltmeter to TP-91(B1) and TP-E(⏚). 8. Make sure that the voltage is DC143.0V±2.0V. 9. Readjust the SCREEN VR to appear the horizontal line faintly, and cancel the horizontal line to press the 2 key.
HIGH VOLTAGE Check	Signal generator DC volunteer Remote control unit	CRT anode Chassis GND		1. Receive a any broadcast. 2. Push the "ZOOM" key and select the FULL mode. 3. Select 2.V/C from the SERVICE MENU. 4. Select 1.CUT OFF with Function UP/DOWN key. 5. Show one horizontal line with the 1 key. 6. Turn the SCREEN VR, the whole black screen display. 7. Connect a DC voltmeter to CRT ANODE and chassis GND. 8. Make sure that the voltage is DC 31.0kV $^{+1kV}_{-1.5kV}$. 9. Readjust the SCREEN VR to appear the horizontal line faintly, and connect the horizontal line to press 2 key.

FOCUS ADJUSTMENT

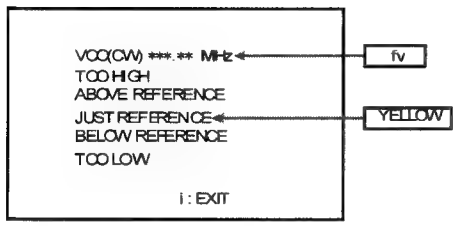
Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of FOCUS	Signal generator		FOCUS 1 FOCUS 2 [In FBT]	1. Receive a cross-hatch signal. 2. Push the "ZOOM" key and select the FULL mode. 3. By turning the FOCUS2 VR, and adjust the picture so that the "O" part vertical line may become thinnest. 4. By turning the FOCUS1 VR, and adjust the picture so that the 3rd horizontal line from the upper may become uniform at the line center and its periphery. 5. Carry out adjustment by repeating the steps 3 and 4 above. 6. Make sure that when the screen is darkened, the lines remain in good focus.





IF CIRCUIT ADJUSTMENT

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of VCO	Remote control unit			● Under normal conditions, no adjustment is required. 1. Receive any broadcast. 2. Select 1.IF from the SERVICE MENU. 3. Check the characters colour of the JUST REFERENCE displayed to yellow.



VSM PRESET ADJUST SETTING

Item	Measuring instrument	Test point	Adjustment part	Description
Setting of VSM PRESET	Remote control unit		**1. BRIGHT** **2. CONT.** **3. COLOUR** **4. SHARP** **5. HUE** **6. R DRIVE** **7. B DRIVE**	1. Select 5.VSM PRESET from the SERVICE MENU. 2. Select COOL with the MENU key of the remote control unit. 3. Adjust the FUNCTION UP/DOWN and -/+ key to bring the set values of 1.BRIGHT ~ 7.B DRIVE to the values shown in the table. 4. Press the MENU key and memorize the set value. 5. Respectively select the VSM PRESET mode for NORMAL and WARM, and make similar adjustment as in 3 above. 6. Press the MENU key and memorize the set value. * Refer to OPERATING INSTRUCTIONS for the PICTURE MODE.

Setting item \ VSM preset mode	COOL	NORMAL	WARM
1. BRIGHT SETTING VALUE	+0	+0	+0
2. CONT. SETTING VALUE	+12	+10	+2
3. COLOUR SETTING VALUE	+6	+0	-2
4. SHARP SETTING VALUE	+0	+0	-2
5. HUE SETTING VALUE	+0	+0	+0
6. R DRIVE SETTING VALUE	-20	+0	+16
7. B DRIVE SETTING VALUE	+23	+0	-13

SETTING VALUES OF VSM PRESET

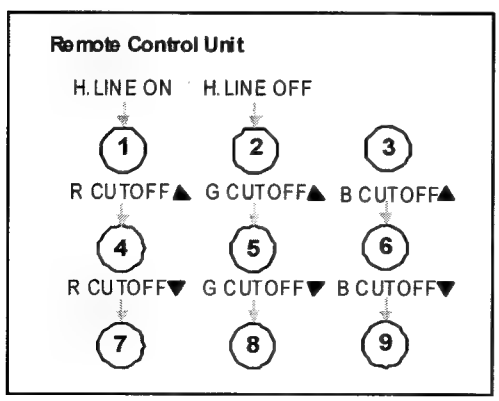
VIDEO / CHROMA CIRCUIT ADJUSTMENT

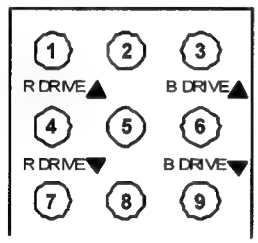
**The setting (adjustment) using the REMOTE CONTROL UNIT is made on the basis of the initial setting values.
The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**

Setting Item (Adjustment Item)		Initial setting value
1. CUTOFF	R	-100
	G	-100
	B	-100
2. DRIVE	R	+0
	B	+0
3. BRIGHT		+0
4. CONT.		-10

Setting item \ Colour system		Initial setting value	
		PAL	NTSC 3.58 NTSC 4.43
5. COLOUR		+5	+5
6. HUE			+2
7. BLACK OFFSET (SECAM Only) (Do not adjust)	R-Y		
	B-Y		
8. SHARP (Do not adjust)		-20	←

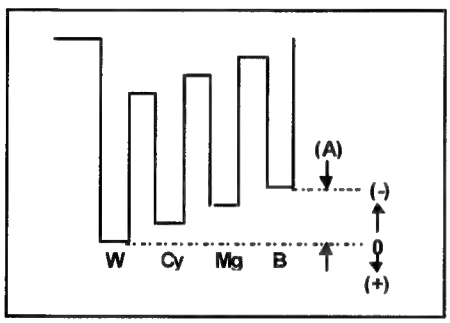
Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of WHITE BALANCE (Low Light)	Signal generator Remote control unit		1.CUT OFF (R)＊＊＊ (G)＊＊＊ (B)＊＊＊ SCREEN VR [In FBT]	● Set the PICTURE MODE to NORMAL. 1. Receive a black and white signal (colour off). 2. Select 2.V/C from the SERVICE MENU. 3. Select 1.CUT OFF with the FUNCTION UP/DOWN key. 4. Push the "ZOOM" key and select the "REGULAR" mode. 5. Show one horizontal line with the 1 key. 6. Gradually turn the SCREEN VR from the left end to the right direction to bring one of the red, green or blue colour faintly visible. 7. Press 4～9 key, and bring out the other 2 colours and make one horizontal line visible in white. 8. Turn the SCREEN VR and bring one white horizontal line faintly visible. 9. Press 2 key, turn off 1.CUT OFF screen. 10. Press the MENU key and memorize the set value. NOTE: This adjustment is done by the REGULAR mode.



Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of WHITE BALANCE (High Light)	**Signal generator** **Remote control unit** REMOTE CONTROL UNIT  		**2.DRIVE** **(R) * * *** **(B) * * ***	● The adjustment for Low Light WHITE BALANCE should be finished. ● Set the PICTURE MODE to NORMAL. 1. Receive a black and white signal (colour off). 2. Push the "ZOOM" key and select the "PANORAMIC" mode. 3. Select 2.V/C from the SERVICE MENU. 4. Select 2.DRIVE with the FUNCTION UP/DOWN key. 5. Change the screen colour to white with 4 key or 7 key (Drive of Red), 6 key or 9 key (Drive of Blue). 6. Press the MENU key, and memorize the set values.
Adjustment of SUB BRIGHT	**Remote control unit**		**3.BRIGHT**	1. Receive any broadcast. 2. Push the "ZOOM" key and select "PANORAMIC" mode. 3. Select 2.V/C from the SERVICE MENU. 4. Select 3.BRIGHT with the FUNCTION UP/DOWN key. 5. Set the initial setting value with the FUNCTION -/+ key. 6. If the brightness is not the best with the initial setting value, make fine adjustment until you get the best brightness. 7. Press the MENU key and memorize the set value.
Adjustment of SUB CONTRAST	**Remote control unit**		**4.CONT.**	1. Receive any broadcast. 2. Push the "ZOOM" key and select the "PANORAMIC" mode. 3. Select 2.V/C from the SERVICE MENU. 4. Select 4.CONT with the FUNCTION UP/DOWN key. 5. Set the initial setting value with the FUNCTION -/+ key. 6. If the contrast is not the best with the initial setting value, make fine adjustment until you get the best contrast. 7. Press the MENU key and memorize the set value.

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB COLOUR I	**Remote control unit**		**5.COLOUR (PAL~NTSC)**	**[Method of adjustment without measuring instrument]**
			PAL COLOUR	(PAL COLOUR) 1. Receive PAL broadcast. 2. Push the "ZOOM" key and select the "PANORAMIC" mode. 3. Select 2.V/C from the SERVICE MENU. 4. Select 5.COLOUR with the FUNCTION UP/DOWN key. 5. Set the initial setting value for PAL COLOUR with the FUNCTION - or + key. 6. If the colour is not the best with the initial set value, make fine adjustment until you get the best colour. 7. Press the MENU key and memorize the set value.
			NTSC COLOUR	(NTSC 3.58 COLOUR) 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal from the EXT terminal. 2. Make similar fine adjustment of NTSC 3.58 COLOUR in the same manner as for above.
				(NTSC 4.43 COLOUR) 1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of SUB COLOUR Ⅱ	**Signal generator** **Oscilloscope** **Remote control unit**	**TP-47B** **TP-E(⏚)** **[CRT SOCKET PWB]**	**5.COLOUR (PAL~NTSC)** PAL COLOUR	**[Method of adjustment using measuring instrument]** (PAL COLOUR) 1. Receive a PAL full field colour bar signal (75% white). 2. Push the "ZOOM" key and select the "PANORAMIC" mode. 3. Select 2.V/C from the SERVICE MENU. 4. Select 5.COLOUR with the FUNCTION UP/DOWN key. 5. Set the initial setting value of PAL COLOUR with the FUNCTION - or + key. 6. Connect the oscilloscope between TP-47B and TP-E(⏚) on the CRT SOCKET PWB. 7. Adjust PAL COLOUR and bring the value of **(A)** in the illustration to the values as shown given billow table (Voltage difference between white (W) and blue (B)). 8. Press the MENU key and memorize the setting value.
			NTSC COLOUR	(NTSC 3.58 COLOUR) 1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal. 2. Set the initial setting value of NTSC 3.58 COLOUR with the FUNCTION -/+ key. 3. Adjust NTSC 3.58 COLOUR and bring the value of **(A)** in the illustration to the values as shown given billow table (Voltage difference between white (W) and blue (B)). 4. Press the MENU key and memorize the setting value.



VOLTAGE (W-B)
+2V

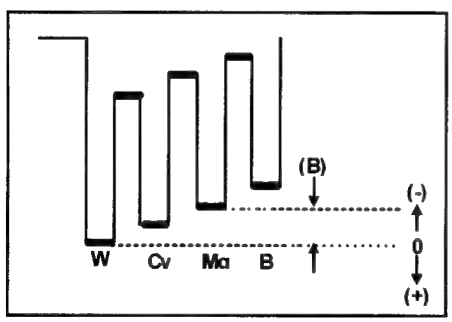
VOLTAGE (W-B)
0V

(NTSC 4.43 COLOUR)
1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.

<table>
<tr><th>Item</th><th>Measuring instrument</th><th>Test point</th><th>Adjustment part</th><th>Description</th></tr>
<tr><td rowspan="3">Adjustment of
SUB HUE Ⅰ</td><td rowspan="3">Remote control unit</td><td rowspan="3"></td><td>6. HUE</td><td>[Method of adjustment without measuring instrument]</td></tr>
<tr><td>NTSC 3.58 HUE</td><td>[NTSC 3.58 HUE]
1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal.
2. Push the "ZOOM" key and select the "PANORAMIC" mode.
3. Select 2.V / C from the SERVICE MENU.
4. Select 6. HUE with the FUNCTION UP/DOWN key.
5. Set the initial setting value of NTSC 3.58 HUE with the FUNCTION -/+ key.
6. If you cannot get the best hue with the initial setting value, make fine adjustment until you get the best hue.
7. Press the MENU key and memorize the set value.</td></tr>
<tr><td>NTSC 4.43 HUE</td><td>[NTSC 4.43 HUE]
1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.</td></tr>
<tr><td rowspan="3">Adjustment of
SUB HUE Ⅱ</td><td rowspan="3">Signal generator

Oscilloscope

Remote control unit</td><td rowspan="3">TP-47B
TP-E(⏚)
[CRT SOCKET PWB]</td><td>6. HUE</td><td>[Method of adjustment using measuring instrument]</td></tr>
<tr><td>NTSC 3.58 HUE</td><td>[NTSC 3.58 HUE]
1. Input a NTSC 3.58MHz COMPOSITE VIDEO signal (full field colour bar with 75% white) from the EXT terminal.
2. Select 2.V/C from the SERVICE MENU.
3. Select 6. HUE with the FUNCTION UP/DOWN key.
4. Set the initial setting value of NTSC 3.58 HUE with the FUNCTION - or + key.
5. Connect the oscilloscope between TP-47B and TP-E(⏚) on the CRT SOCKET PWB.
6. Adjust NTSC 3.58 HUE to bring the value of (B) in the illustration to the values shown given billow table (voltage difference between white (W) and magenta (Mg)).
7. Press the MENU key and memorize the setting value

<table><tr><th>VOLTAGE (W-Mg)</th></tr><tr><td>-2V</td></tr></table></td></tr>
<tr><td>NTSC 4.43 HUE</td><td>[NTSC 4.43 HUE]
1. When NTSC 3.58 is set, NTSC 4.43 will be automatically set at the respective values.</td></tr>
</table>

AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

DEFLECTION CIRCUIT ADJUSTMENT

There are 6 modes of the adjustment.
(1) 50Hz mode (①PANORAMIC ②FULL ③REGULAR ④14:9 ZOOM ⑤16:9 ZOOM ⑥16:9 ZOOM SUB TITLE)
(2) 60Hz mode (each aspect mode) ····· Depending upon the kind of signals (vertical frequency 50Hz / 60Hz).

- **The adjustment using the remote control unit is made on the basis of the initial setting values.**
- **When the 50Hz PANORAMIC mode has been established, the setting of other modes will be done automatically. However, if the picture quality has not been optimized, adjust each mode again, respectively.**
- **The setting values which adjust the screen to the optimum condition can be different from the initial setting values.**

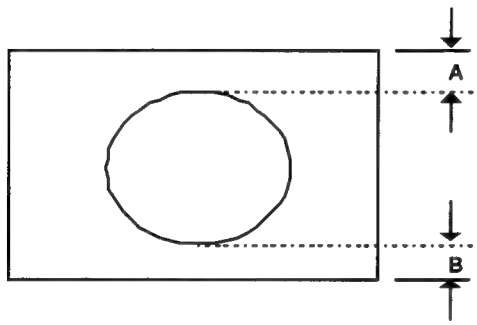
Initial setting value (1/2)

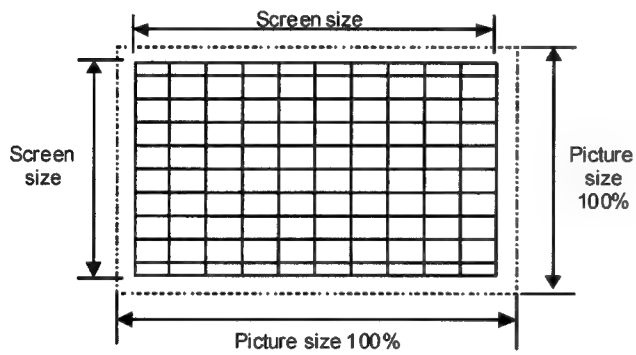
Setting item	Adjustment name	Initial setting value							
		PANORAMIC		14:9 ZOOM		16:9 ZOOM		16:9 ZOOM SUB TITLE	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
1. V-SHIFT	Vertical center	+1	-1	+0	+0	+0	+0	+0	+0
2. V-SIZE	Vertical height	+5	-2	+9	+9	+22	+22	+28	+28
3. SUBTITLE	SUBTITLE BOTTOM Vertical linearity	-8	+0	+0	+0	+0	+0	+12	+12
4. H-CENT	Horizontal center	-2	+4	+0	+0	+0	+0	+0	+0
5. H-SIZE	Horizontal width	+0	-1	-5	-5	-3	-2	-3	-2
6. EW-PIN	Side pin correction	-10	+0	+0	+0	+0	+0	+0	+0
7. TRAPEZ	Trapezium distortion correction	+0	+0	+0	+0	+0	+0	+0	+0
8. EW.COR.L	CORNER PIN correction Low side	-8	+0	+0	+0	+0	+0	+0	+0
9. EW.COR.H	CORNER PIN correction High side	-1	+0	+0	+0	+0	+0	+0	+0
10.V.S-COR	Vertical height correction	+15	+0	-15	-15	-15	-15	-15	-15
11.V-LIN	Vertical Linearity	+0	+0	+0	+0	+0	+0	+0	+0
12.H-BLK-R	BLANKING POSITION of Right side	+0	+0	+17	+20	+0	+0	+0	+0
13.H-BLK-L	BLANKING POSITION of Left side	+0	+0	+13	+9	+0	+0	+0	+0
14.V-EHT (Do not adjust)	V size correction level caused by EHT change	-2	+0	+0	+0	+0	+0	+0	+0
15.H-EHT (Do not adjust)	H size correction level caused by EHT change	-3	+0	+0	+0	+0	+0	+0	+0
16.EHT-GAIN (Do not adjust)	Size correction gain caused by EHT change	+0	+0	+0	+0	+0	+0	+0	+0

Initial setting value (2/2)

Setting item	Adjustment name	Initial setting value			
		FULL		REGULAR	
		50Hz	60Hz	50Hz	60Hz
1. V-SHIFT	Vertical center	+0	+0	+0	+0
2. V-SIZE	Vertical height	-13	-13	-11	-11
3. SUBTITLE	SUBTITLE BOTTOM Vertical linearity	+0	+0	+0	+0
4. H-CENT	Horizontal center	+0	+0	+0	+0
5. H-SIZE	Horizontal width	-3	-2	-15	-15
6. EW-PIN	Side pin correction	+0	+0	+0	+0
7. TRAPEZ	Trapezium distortion correction	+0	+0	+0	+0
8. EW.COR.L	CORNER PIN correction Low side	+0	+0	+0	+0
9. EW.COR.H	CORNER PIN correction High side	+0	+0	+0	+0
10.V.S-COR	Vertical height correction	-15	-15	-15	-15
11.V-LIN	Vertical Linearity	+0	+0	+0	+0
12.H-BLK-R	BLANKING POSITION of Right side	+0	+0	+17	+20
13.H-BLK-L	BLANKING POSITION of Left side	+0	+0	+13	+9
14.V-EHT (Do not adjust)	Vsize correction level caused by EHT change	+0	+0	+0	+0
15.H-EHT (Do not adjust)	Hsize correction level caused by EHT change	+0	+0	+0	+0
16.EHT-GAIN (Do not adjust)	Size correction gain caused by EHT change	+0	+0	+0	+0

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of V-SHIFT	**Signal generator** **Remote control unit**		**1.V- SHIFT**	[50Hz PANORAMIC mode] 1. Receive a circle pattern signal of vertical frequency 50Hz. 2. Select 4.DEF from the SERVICE MENU. 3. Select 1.V-SHIFT with the FUNCTION UP/DOWN key. 4. Adjust V-SHIFT to make **A = B**. 5. Press the MENU key and memorize the set value. * NOTE : Check the adjustment value above in other ZOOM mode, If it is a wrong adjustment, readjust in "PANORAMIC" mode and adjust by <11. V-LIN>. And store the get value.
Adjustment of V-SIZE & SUBTITLE			**2.V-SIZE** **3.SUBTITLE**	6. Receive a cross-hatch signal. 7. Select 2.V-SIZE and set the initial setting value. 8. Adjust V-SIZE and make sure that the vertical screen size of the picture size is in the bellow table. 9. Press the MENU key and memorize the set value. 10. When adjust the [SUBTITLE], select "3.SUBTITLE" and adjust to under part of picture size. 11. Input a NTSC VIDEO signal (60Hz) from the EXT terminal, and make sure that the vertical screen size is in the table below. 12. Press the MENU key and memorize the set value.

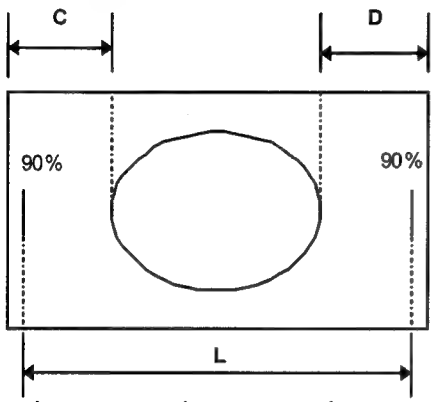




ASPECT MODE	PANORAMIC	14 : 9 ZOOM	16 : 9 ZOOM	16 : 9 ZOOM SUB TITLE	FULL	REGULAR
SCREEN TOP	87%	80%	73%	70%	92%	92%
SCREEN BOTTOM	87%	80%	73%	83%	92%	92%

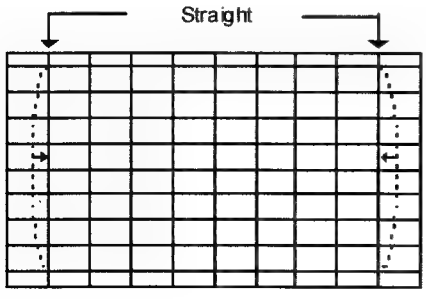
[SCREEN SIZE]

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of HORIZONTAL CENTER			**4. H-CENT.**	13. Receive a circle pattern signal. 14. Select 4.H-CENT and set the initial setting value. 15. Adjust H-CENT to make C=D. 16. Press the MENU key and memorize the set value.
Adjustment of HORIZONTAL SIZE			**5. H-SIZE**	17. Receive a circle pattern signal. 18. Select 5.H-SIZE and set the initial setting value. 19. Adjust H-SIZE and make sure that the horizontal screen size of the picture size is in the bellow table. 20. Press the MENU key and memorize the set value. * The numeric of the REGULAR and 14:9 ZOOM modes are shown the length of the 90% horizontal size position (L) as shown in the figure above. 21. Input a NTSC VIDEO signal (60Hz) from the EXT terminal, and make sure that the horizontal screen size of the each ASPECT mode is in the below table. 22. Press the MENU key and memorize the set value.
Adjustment of EW-PIN			**6.EW-PIN**	23. Select 6.EW-PIN and set the initial setting value 24. Adjust EW-PIN and make the 2nd.vertical lines at the left and right edges of the screen straight. Also make sure that the 3rd vertical lines are straight. 25. Press the MENU key and memorize the set value.

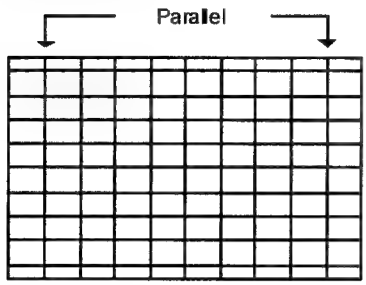


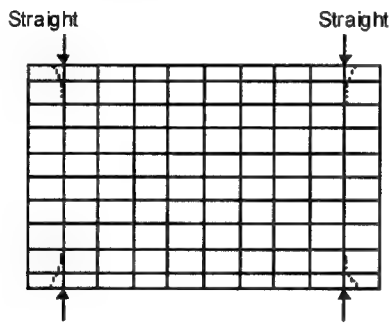
ASPECT MODE	PANORAMIC	14:9 ZOOM	16:9 ZOOM	16:9 ZOOM SUB TITLE	FULL	REGULAR
H SIZE	PAL=95% NTSC=94%	L=570mm	92%	92%	92%	L=510mm

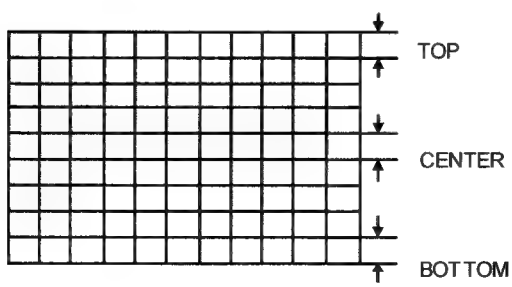
[SCREEN SIZE]



Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of TRAPEZIUM	Signal generator Remote control unit		7.TRAPEZ	26. Receive a cross-hatch signal. 27. Select 7.TRAPEZ with the FUNCTION UP/DOWN key. 28. Set the initial setting value of TRAPEZIUM with the FUNCTION - or + key. 29. Adjust TRAPEZIUM and bring the VERTICAL lines at the right and left edges of the screen parallel . 30. Press the MENU key and memorize the set value.
Adjustment of SIDE PIN CORRECTION HIGH/LOW	Signal generator Remote control unit		8.EW. COR. L 9.EW. COR. H	31. Select 8.EW. COR. L with the FUNCTION UP / DOWN key. 32. Set the initial setting value of EW. COR. L with the FUNCTION – or + key. 33. Adjust EW. COR. L, and bring the straight line at the low corner. 34. Select 9.EW. COR. H with the FUNCTION UP / DOWN key. 35. Set the initial setting value of EW. COR. H with the FUNCTION – or + key. 36. Adjust EW. COR. H, and bring the straight line at the upper corner. 37. Press the MENU key and memorize the set value.
Adjustment of V.LINEARITY & V-HEIGHT CORRECTION			10. V-S.CR 11. V-LIN	● **When the vertical linearity has been deteriorated remarkably, perform the following steps.** 38. Receive a cross-hatch signal. 39. Select 11.V-LIN with the FUNCTION UP / DOWN key. 40. Set the initial setting value of 11.V-LIN with the FUNCTION - / + key. 41. Select 10.V-S.COR with the FUNCTION UP / DOWN key. 42. Set the initial setting value of 10.V-S.COR with the FUNCTION - / + key. 43. Adjust 11.V-LIN and 10.V-S.COR so that the spaces of each line on TOP, CENTER and BOTTOM become uniform. NOTE : In "PANORAMIC" & "16 : 9 ZOOM SUBTITLE" mode, this adjustment should not be done.
				At first the adjustment in 50Hz-PANORAMIC mode should be done, then the data for the other zoom mode is corrected in the respective value at the same time. And confirm the deflection adjustment initial setting value in 60Hz PANORAMIC mode. If the adjustment in 50Hz each zoom mode has been done and stored, the data for the same aspect modes in 60Hz is corrected in the respective value. Only the data for the other aspect mode in 60Hz is corrected for itself.

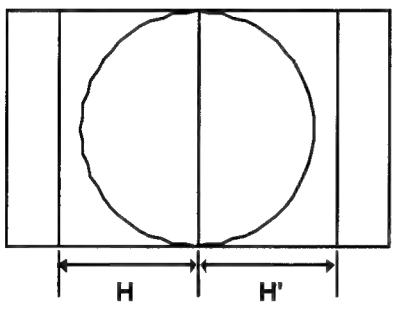






H BLANKING ADJUSTMENT

Item	Measuring instrument	Test point	Adjustment part	Description
Adjustment of HORIZONTAL BLANKING			**12.H-BLK-R** **13.H-BLK-L**	1. Receive the PAL circle pattern signal. 2. Select 4.DEF from the SERVICE MENU. 3. Press the "ZOOM" key and select the"14:9 ZOOM" mode. 4. Select 12.H-BLK-R with the FUNCTION UP/DOWN key and adjust H-BLANKING so that 92% of the picture on the right side is displayed. 5. Select 13.H-BLK-L with the FUNCTION UP/DOWN key and adjust H-BLANKING so that 92% of the picture on the left side is displayed. 6. Press the MENU key and memorize the set value. 7. Press the "ZOOM" key and select the"REGULAR" mode. 8. Select 12.H-BLK-R with the FUNCTION UP/DOWN key and adjust H'-BLANKING so that 92% of the picture on the right side is displayed. 9. Select 13.H-BLK-L with the FUNCTION UP/DOWN key and adjust H-BLANKING so that 92% of the picture on the left side is displayed. 10.Press the MENU key and memorize the set value.



AUDIO CIRCUIT ADJUSTMENT

- Do not touch 3.AUDIO (1.CONC LIMIT, 2.A2 ID THR, 3.ALC, 4.BASS, 5.TREBLE) of the SERVICE MENU as it requires no adjustment.

3. AUDIO

Setting item	Variable range	fixed value
1. ERROR LIMIT*(Do not adjust)*	00H ~ FFH	10H
2. A2 ID THR*(Do not adjust)*	00H ~ FFH	19H
3. BASS *(Do not adjust)*	-17 ~ +17	+0
4. TREBLE *(Do not adjust)*	-17 ~ +17	+0

PARTS LIST

CAUTION

- The parts identified by the ⚠ symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety .
- The parts not indicated in this Parts List and those which are filled with lines —— in the Parts No. columns will not be supplied.
- P. W. Board Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
C R	Carbon Resistor	C CAP.	Ceramic Capacitor
F R	Fusible Resistor	E CAP.	Electrolytic Capacitor
P R	Plate Resistor	M CAP.	Mylar Capacitor
V R	Variable Resistor	HV CAP.	High Voltage Capacitor
HV R	High Voltage Resistor	MF CAP.	Metalized Film Capacitor
MF R	Metal Film Resistor	MM CAP.	Metalized Mylar Capacitor
MG R	Metal Glazed Resistor	MP CAP.	Metalized Polystyrol Capacitor
MP R	Metal Plate Resistor	PP CAP.	Polypropylene Capacitor
OM R	Metal Oxide Film Resistor	PS CAP.	Polystyrol Capacitor
CMF R	Coating Metal Film Resistor	TF CAP.	Thin Film Capacitor
UNF R	Non-Flammable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH V R	Chip Variable Resistor	TAN. CAP.	Tantalum Capacitor
CH MG R	Chip Metal Glazed Resistor	CH C CAP.	Chip Ceramic Capacitor
COMP. R	Composition Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

TOLERANCES									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

CONTENTS

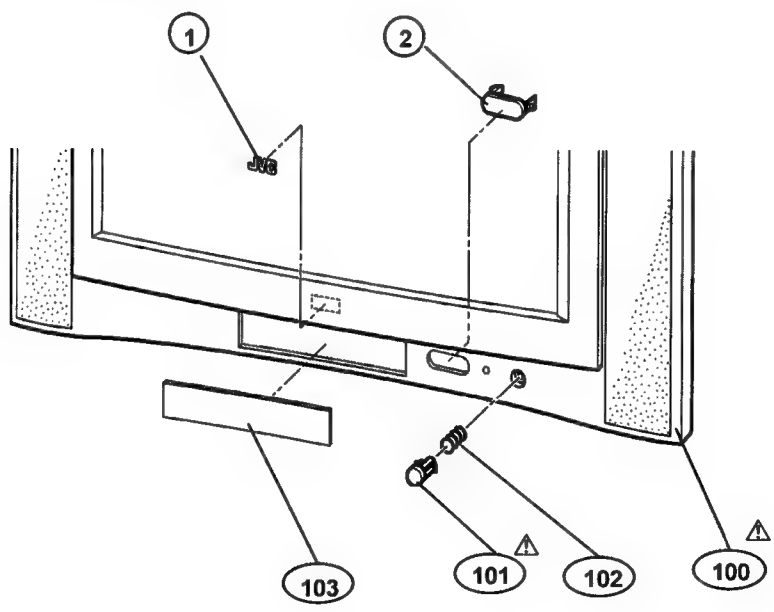
USING PW BOARD & REMOTE CONTROL UNIT

Model / PWB ASS'Y	AV32T25EKS	AV32T55EKS	AV32T25EIS	AV32R25EKS	AV32R250EKS
MAIN PWB	SJL-1004A-U2	←	SJL-1007A-U2	SJL-1008A-U2	←
POWER & DEF. PWB	SJL-2002A-U2	←	←	SJL-2004A-U2	←
CRT SOCKET PWB	SJL-3002A-U2	←	←	←	←
FRONT CONTROL PWB	SJL-8004A-U2	←	←	←	←
SIDE CONTROL PWB	SJL-8104A-U2	←	←	SJL-8102A-U2	←
AV SW PWB	SJL0S002A-U2	←	←	SJL0S003A-U2	←
DOLBY PWB	———	———	———	SJL0D001A-U2	←
REMOTE CONTROL UNIT	RM-C55H-1C	←	←	RM-C60H-1C	←

EXPLODED VIEW PARTS LIST (1)

⚠ Ref.No.	Part No.	Part Name	Description
AV32T25EKS / AV32T55EKS			
1	LC41250-002C-C	JVC MARK	[AV32T25EKS]
1	LC41250-001A-C	JVC MARK	[AV32T55EKS]
2	LC31851-001A-C	WINDOW	
⚠ 100	LC11360-002B-U	F CABI ASSY	Inc. No. 101～103[AV32T25EKS]
⚠ 100	LC11360-002A-U	F CABI ASSY	Inc. No. 101～103[AV32T55EKS]
⚠ 101	LC31201-003A-U	POWER KNOB	(SERVICE)
102	AEM3149-001-E	SPRING	
103	LC21065-001A-U	CENTER PANEL	
AV32T25EIS			
1	LC41250-001A-C	JVC MARK	
2	LC31851-001A-C	WINDOW	
⚠ 100	LC11360-002B-U	F CABI ASSY	Inc. No. 101～103
⚠ 101	LC31201-003A-U	POWER KNOB	(SERVICE)
102	AEM3149-001-E	SPRING	
103	LC21065-001A-U	CENTER PANEL	

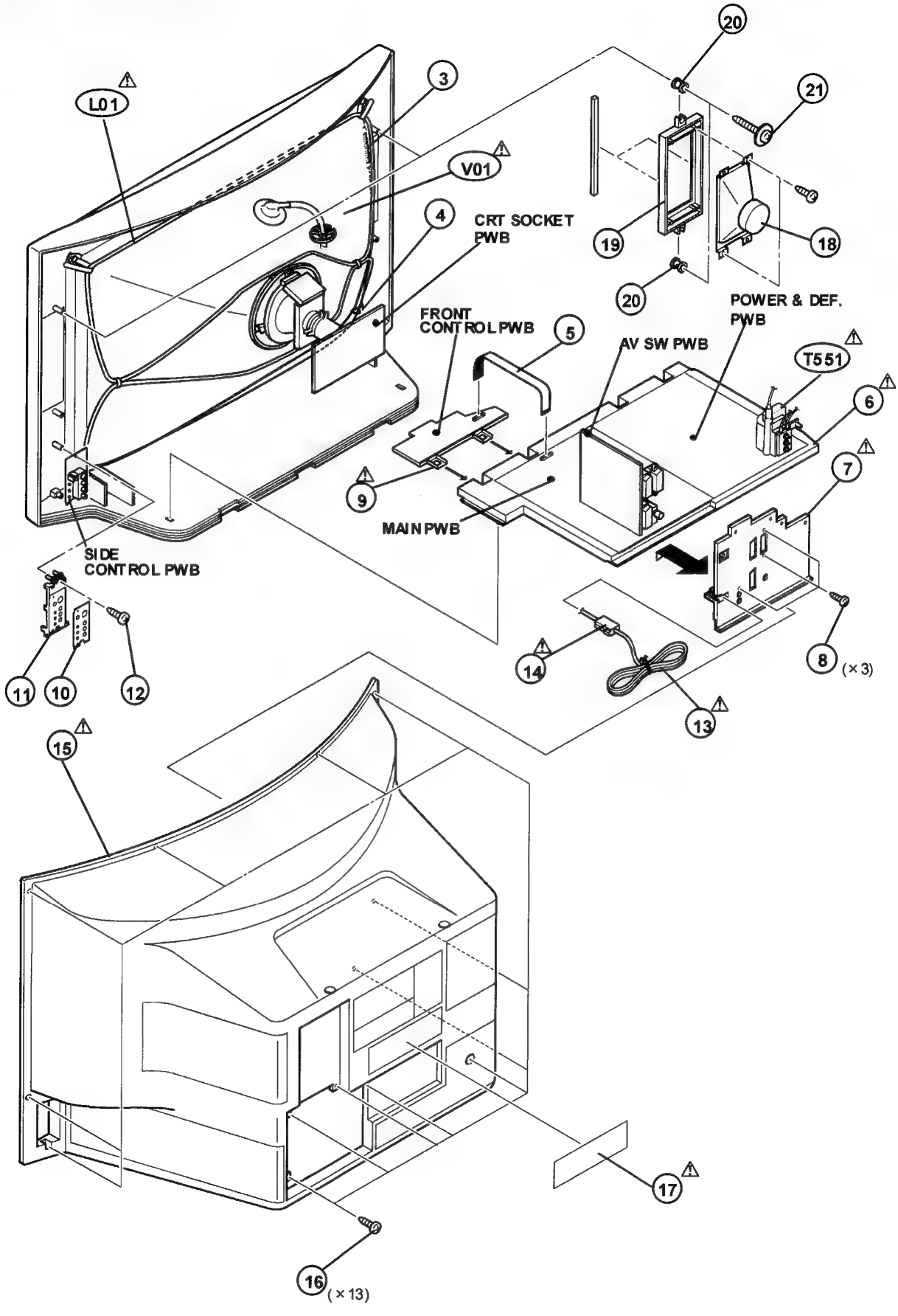
EXPLODED VIEW (1)



EXPLODED VIEW PARTS LIST (2)

⚠	Ref.No.	Part No.	Part Name	Description
AV32T25EKS / AV32T55EKS				
⚠	V01	W76QDD257X08	ITC	Inc. DY, PC MAGNET, WEDGE
⚠	L01	QQW0105-001	DEG COIL	
⚠	T551	QQH0130-001	FBT	
	3	WJY0001-010A	E-BRAIDED ASSY	
	4	WJY0013-002A	E-BRAIDED SUB ASSY	
	5	CHFD119-14BD-N	FFC WIRE	CN-1
⚠	6	LC10716-002F-U	CHASSIS BASE	
⚠	7	LC11010-004A-U	AV BOARD	
	8	QYSBSF3012M	TAP SCREW	(x3)
⚠	9	LC11311-002A-U	CONTROL BASE	
	10	LC31205-001B	CONTROL SHEET	
	11	LC10856-001C-U	SIDE CONT BASE	
	12	QYSBSAG4016N	TAP SCREW	
⚠	13	QMPN130-185-JC	POWER CORD	CN-PW
⚠	14	CM46618-A01-E	POWER CORD CLMP	
⚠	15	LC11316-001A-U	REAR COVER	
	16	QYSBSAG4016N	TAP SCREW	(x13)
⚠	17	LC11364-004A-U	RATING LABEL	[AV32T25EKS]
⚠	17	LC11364-014A-U	RATING LABEL	[AV32T55EKS]
	18	QAS0109-001	SPEAKER	SP01-02(x2)
	19	LC11310-001A-U	SPEAKER ADAPTER	(x2)
	20	LC40226-003A-H	SPACER	(x4)
	21	LC40506-001A	TAP SCREW	(x4)
AV32T25EIS				
⚠	V01	W76QDD257X08	ITC	Inc. DY, PC MAGNET, WEDGE
⚠	L01	QQW0105-001	DEG COIL	
⚠	T551	QQH0130-001	FBT	
	3	WJY0001-010A	E-BRAIDED ASSY	
	4	WJY0013-002A	E-BRAIDED SUB ASSY	
	5	CHFD119-14BD-N	FFC WIRE	CN-1
⚠	6	LC10716-002F-U	CHASSIS BASE	
⚠	7	LC11010-004A-U	AV BOARD	
	8	QYSBSF3012M	TAP SCREW	(x3)
⚠	9	LC11311-002A-U	CONTROL BASE	
	10	LC31205-001B	CONTROL SHEET	
	11	LC10856-001C-U	SIDE CONT BASE	
	12	QYSBSAG4016N	TAP SCREW	
⚠	13	QMPN130-185-JC	POWER CORD	CN-PW
⚠	14	CM46618-A01-E	POWER CORD CLMP	
⚠	15	LC11316-001A-U	REAR COVER	
	16	QYSBSAG4016N	TAP SCREW	(x13)
⚠	17	LC11364-017A-U	RATING LABEL	
	18	QAS0109-001	SPEAKER	SP01-02(x2)
	19	LC11310-001A-U	SPEAKER ADAPTER	(x2)
	20	LC40226-003A-H	SPACER	(x4)
	21	LC40506-001A	TAP SCREW	(x4)

EXPLODED VIEW (2)



AV32T25EKS / AV32T55EKS

PRINTED WIRING BOARD PARTS LIST

■MAIN P.W. BOARD ASS'Y (SJL-1004A-U2)

⚠ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R002	NRSA63J-101X	MG R	100Ω 1/16W J
R003	NRSA63J-101X	MG R	100Ω 1/16W J
R006	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R007	NRSA63J-103X	MG R	10kΩ 1/16W J
R008	NRSA63J-103X	MG R	10kΩ 1/16W J
R011	NRSA63J-102X	MG R	1kΩ 1/16W J
R304	QRG00G-121	OM R	120Ω 1W J
R305	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R306	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R307	NRSA63J-102X	MG R	1kΩ 1/16W J
R308	NRSA63J-471X	MG R	470Ω 1/16W J
R309	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R310	NRSA63J-391X	MG R	390Ω 1/16W J
R311	NRSA63J-391X	MG R	390Ω 1/16W J
R312	NRSA63J-101X	MG R	100Ω 1/16W J
R313	NRSA63J-101X	MG R	100Ω 1/16W J
R314	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R316	NRSA63J-224X	MG R	220kΩ 1/16W J
R317	NRSA63J-101X	MG R	100Ω 1/16W J
R321	NRSA63J-102X	MG R	1kΩ 1/16W J
R327	NRSA63J-471X	MG R	470Ω 1/16W J
R330	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R331	NRSA63J-152X	MG R	1.5kΩ 1/16W J
R332	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R333	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R335	NRSA63J-273X	MG R	27kΩ 1/16W J
R336	NRSA63J-103X	MG R	10kΩ 1/16W J
R337	NRSA63J-102X	MG R	1kΩ 1/16W J
R340	NRSA63J-103X	MG R	10kΩ 1/16W J
R341	NRSA63J-103X	MG R	10kΩ 1/16W J
R342	NRSA63J-152X	MG R	1.5kΩ 1/16W J
R344	NRSA63J-102X	MG R	1kΩ 1/16W J
R345	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R346	NRSA63J-333X	MG R	33kΩ 1/16W J
R401	NRSA63J-103X	MG R	10kΩ 1/16W J
R402	NRSA63J-103X	MG R	10kΩ 1/16W J
R403	NRSA63J-102X	MG R	1kΩ 1/16W J
R404	NRSA63J-183X	MG R	18kΩ 1/16W J
R405	NRSA63J-223X	MG R	22kΩ 1/16W J
R409	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R411	NRSA63D-473X	MG R	47kΩ 1/16W D
R413	NRSA63D-223X	MG R	22kΩ 1/16W D
R414	NRSA63D-101X	MG R	100Ω 1/16W D
R415	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R416	NRSA63J-101X	MG R	100Ω 1/16W J
R417	NRSA63J-223X	MG R	22kΩ 1/16W J
R418	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R419	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R420	NRSA63J-123X	MG R	12kΩ 1/16W J
R502	NRSA63J-103X	MG R	10kΩ 1/16W J
R503	NRSA63J-104X	MG R	100kΩ 1/16W J
R504	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R505	NRSA63J-221X	MG R	220Ω 1/16W J
R506	NRSA63J-221X	MG R	220Ω 1/16W J
R507	NRSA63J-102X	MG R	1kΩ 1/16W J
R508	NRSA63J-223X	MG R	22kΩ 1/16W J
R509	NRSA63J-223X	MG R	22kΩ 1/16W J
R511	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R514	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R516	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R517	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R518	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R519	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R520	NRSA63J-152X	MG R	1.5kΩ 1/16W J
R551	QRK126J-100X	C R	10Ω 1/2W J
R552	NRSA63J-124X	MG R	120kΩ 1/16W J
R553	NRSA63J-683X	MG R	68kΩ 1/16W J
R554	NRSA63J-333X	MG R	33kΩ 1/16W J
R555	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R556	NRSA63J-154X	MG R	150kΩ 1/16W J

⚠ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R557	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R558	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R560	NRSA63J-104X	MG R	100kΩ 1/16W J
R561	QRE121J-100Y	C R	10Ω 1/2W J
R571	NRSA63J-101X	MG R	100Ω 1/16W J
R572	NRSA63J-223X	MG R	22kΩ 1/16W J
R573	NRSA63J-821X	MG R	820Ω 1/16W J
R574	NRSA63J-333X	MG R	33kΩ 1/16W J
R625	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R626	NRSA63J-104X	MG R	100kΩ 1/16W J
R629	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R630	NRSA63J-104X	MG R	100kΩ 1/16W J
R631	NRSA63J-103X	MG R	10kΩ 1/16W J
R633	NRSA63J-103X	MG R	10kΩ 1/16W J
R637	NRSA63J-104X	MG R	100kΩ 1/16W J
R641	NRSA63J-103X	MG R	10kΩ 1/16W J
R642	NRSA63J-473X	MG R	47kΩ 1/16W J
R643	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R644	NRSA63J-153X	MG R	15kΩ 1/16W J
R645	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R646	NRSA63J-273X	MG R	27kΩ 1/16W J
R647	NRSA63J-473X	MG R	47kΩ 1/16W J
R649	NRSA63J-101X	MG R	100Ω 1/16W J
R650	NRSA63J-101X	MG R	100Ω 1/16W J
R651	NRSA63J-123X	MG R	12kΩ 1/16W J
R671	NRSA63J-104X	MG R	100kΩ 1/16W J
R672	NRSA63J-681X	MG R	680Ω 1/16W J
R673	NRSA63J-681X	MG R	680Ω 1/16W J
R674	NRSA63J-103X	MG R	10kΩ 1/16W J
R675	NRSA63J-103X	MG R	10kΩ 1/16W J
R702	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R704	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R705	NRSA63J-103X	MG R	10kΩ 1/16W J
R707	NRSA63J-103X	MG R	10kΩ 1/16W J
R708	NRSA63J-103X	MG R	10kΩ 1/16W J
R709	NRSA63J-103X	MG R	10kΩ 1/16W J
R710	NRSA63J-103X	MG R	10kΩ 1/16W J
R712	NRSA63J-103X	MG R	10kΩ 1/16W J
R713	NRSA63J-103X	MG R	10kΩ 1/16W J
R714	NRSA63J-101X	MG R	100Ω 1/16W J
R715	NRSA63J-101X	MG R	100Ω 1/16W J
R716	NRSA63J-101X	MG R	100Ω 1/16W J
R717	NRSA63J-101X	MG R	100Ω 1/16W J
R718	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R719	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R721	NRSA63J-221X	MG R	220Ω 1/16W J
R722	NRSA63J-221X	MG R	220Ω 1/16W J
R723	NRSA63J-221X	MG R	220Ω 1/16W J
R724	NRSA63J-221X	MG R	220Ω 1/16W J
R725	NRSA63J-221X	MG R	220Ω 1/16W J
R726	NRSA63J-683X	MG R	68kΩ 1/16W J
R728	NRSA63J-101X	MG R	100Ω 1/16W J
R729	NRSA63J-101X	MG R	100Ω 1/16W J
R730	NRSA63J-183X	MG R	18kΩ 1/16W J
R731	NRSA63J-183X	MG R	18kΩ 1/16W J
R732	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R733	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R734	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R735	NRSA63J-223X	MG R	22kΩ 1/16W J
R736	NRSA63J-223X	MG R	22kΩ 1/16W J
R737	NRSA63J-103X	MG R	10kΩ 1/16W J
R738	NRSA63J-103X	MG R	10kΩ 1/16W J
R739	NRSA63J-473X	MG R	47kΩ 1/16W J
R740	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R741	NRSA63J-101X	MG R	100Ω 1/16W J
R742	NRSA63J-223X	MG R	22kΩ 1/16W J
R743	NRSA63J-391X	MG R	390Ω 1/16W J
R744	NRSA63J-471X	MG R	470Ω 1/16W J
R745	NRSA63J-182X	MG R	1.8kΩ 1/16W J

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R746	NRSA63J-473X	MG R	47kΩ 1/16W J
	R747	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R748	NRSA63J-153X	MG R	15kΩ 1/16W J
	R749	NRSA63J-223X	MG R	22kΩ 1/16W J
	R750	NRSA63J-473X	MG R	47kΩ 1/16W J
	R751	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R752	NRSA63J-103X	MG R	10kΩ 1/16W J
	R753	NRSA63J-223X	MG R	22kΩ 1/16W J
	R757	NRSA63J-102X	MG R	1kΩ 1/16W J
	R758	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R759	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R760	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R761	NRSA63J-473X	MG R	47kΩ 1/16W J
	R762	NRSA63J-473X	MG R	47kΩ 1/16W J
	R763	NRSA63J-823X	MG R	82kΩ 1/16W J
	R764	NRSA63J-104X	MG R	100kΩ 1/16W J
	R765	NRSA63J-103X	MG R	10kΩ 1/16W J
	R766	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R767	NRSA63J-103X	MG R	10kΩ 1/16W J
	R768	NRSA63J-103X	MG R	10kΩ 1/16W J
	R769	NRSA63J-183X	MG R	18kΩ 1/16W J
	R770	NRSA63J-183X	MG R	18kΩ 1/16W J
	R771	NRSA63J-102X	MG R	1kΩ 1/16W J
	R772	NRSA63J-104X	MG R	100kΩ 1/16W J
	R773	NRSA63J-221X	MG R	220Ω 1/16W J
	R774	NRSA63J-473X	MG R	47kΩ 1/16W J
	R775	NRSA63J-102X	MG R	1kΩ 1/16W J
	R776	NRSA63J-473X	MG R	47kΩ 1/16W J
	R777	NRSA63J-102X	MG R	1kΩ 1/16W J
	R778	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R779	NRSA63J-273X	MG R	27kΩ 1/16W J
	R780	NRSA63J-103X	MG R	10kΩ 1/16W J
	R781	NRSA63J-103X	MG R	10kΩ 1/16W J
	R782	NRSA63J-103X	MG R	10kΩ 1/16W J
	R783	NRSA63J-103X	MG R	10kΩ 1/16W J
	R784	NRSA63J-333X	MG R	33kΩ 1/16W J
	R785	NRSA63J-184X	MG R	180kΩ 1/16W J
	R787	NRSA63J-333X	MG R	33kΩ 1/16W J
	R788	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R789	NRSA63J-103X	MG R	10kΩ 1/16W J
	R790	NRSA63J-102X	MG R	1kΩ 1/16W J
	R791	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R792	NRSA63J-103X	MG R	10kΩ 1/16W J
	R793	NRSA63J-102X	MG R	1kΩ 1/16W J

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C001	NCB31HK-222X	C CAP.	2200pF 50V K
	C002	QETN1HM-106Z	E CAP.	10μF 50V M
	C004	NCB31CK-104X	C CAP.	0.1μF 16V K
	C005	QETN1CM-108Z	E CAP.	1000μF 16V M
	C006	NCB31HK-103X	C CAP.	0.01μF 50V K
	C007	QETN1HM-106Z	E CAP.	10μF 50V M
	C008	NCB31CK-104X	C CAP.	0.1μF 16V K
	C009	QETN1HM-106Z	E CAP.	10μF 50V M
	C011	QETN1HM-106Z	E CAP.	10μF 50V M
	C012	NCB31HK-103X	C CAP.	0.01μF 50V K
	C013	NCB31HK-103X	C CAP.	0.01μF 50V K
	C301	NCB31CK-104X	C CAP.	0.1μF 16V K
	C302	NCB31CK-683X	C CAP.	0.068μF 16V K
	C303	QETN1EM-476Z	E CAP.	47μF 25V M
	C304	NCB31HK-103X	C CAP.	0.01μF 50V K
	C305	QETN1CM-107Z	E CAP.	100μF 16V M
	C306	NCB31HK-103X	C CAP.	0.01μF 50V K
	C307	QETN1CM-477Z	E CAP.	470μF 16V M
	C308	NDC31HJ-120X	C CAP.	12pF 50V J
	C309	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C310	NCB31HK-103X	C CAP.	0.01μF 50V K
	C311	QETN1HM-106Z	E CAP.	10μF 50V M
	C312	NDC31HJ-680X	C CAP.	68pF 50V J
	C313	QETN1CM-107Z	E CAP.	100μF 16V M
	C314	NCB31HK-103X	C CAP.	0.01μF 50V K
	C315	QETN1HM-106Z	E CAP.	10μF 50V M
	C319	QETN1CM-107Z	E CAP.	100μF 16V M
	C320	NCB31HK-103X	C CAP.	0.01μF 50V K
	C321	NCB31CK-104X	C CAP.	0.1μF 16V K
	C322	NCB31CK-104X	C CAP.	0.1μF 16V K

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C323	NCB31CK-104X	C CAP.	0.1μF 16V K
	C324	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C325	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C326	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C327	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C328	QETN1EM-476Z	E CAP.	47μF 25V M
	C329	NDC31HJ-390X	C CAP.	39pF 50V J
	C330	NDC31HJ-390X	C CAP.	39pF 50V J
	C331	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C332	NCB31HK-103X	C CAP.	0.01μF 50V K
	C333	NCB21EK-104X	C CAP.	0.1μF 25V K
	C334	QETN1HM-106Z	E CAP.	10μF 50V M
	C401	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C403	NCB31HK-103X	C CAP.	0.01μF 50V K
	C404	NCB31HK-103X	C CAP.	0.01μF 50V K
	C405	NCB31HK-103X	C CAP.	0.01μF 50V K
	C406	QFVF1HJ-184Z	MF CAP.	0.18μF 50V J
	C407	QFVF1HJ-824Z	MF CAP.	0.82μF 50V J
	C408	NCB31HK-153X	C CAP.	0.015μF 50V K
	C501	QETN1CM-107Z	E CAP.	100μF 16V M
	C502	NCB31HK-103X	C CAP.	0.01μF 50V K
	C503	NCB31HK-103X	C CAP.	0.01μF 50V K
	C504	NCB31HK-103X	C CAP.	0.01μF 50V K
	C505	NCB31HK-332X	C CAP.	3300pF 50V K
	C506	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C507	NCB31HK-103X	C CAP.	0.01μF 50V K
	C508	QETN1CM-108Z	E CAP.	1000μF 16V M
	C509	QFLC1HJ-823Z	M CAP.	0.082μF 50V J
	C510	NCB31HK-103X	C CAP.	0.01μF 50V K
	C511	NCB31HK-103X	C CAP.	0.01μF 50V K
	C512	QTMN1HM-105Z	E CAP.	1.0μF 50V M
	C513	QETN1CM-228Z	E CAP.	2200μF 16V M
	C514	NCB31HK-103X	C CAP.	0.01μF 50V K
	C515	QFVF1HJ-394Z	MF CAP.	0.39μF 50V J
	C516	NCB31HK-103X	C CAP.	0.01μF 50V K
	C551	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C552	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C553	QETN1EM-476Z	E CAP.	47μF 25V M
	C554	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C555	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C571	NCB31HK-103X	C CAP.	0.01μF 50V K
	C617	QETN1HM-106Z	E CAP.	10μF 50V M
	C619	QETN1HM-106Z	E CAP.	10μF 50V M
	C620	QETN1HM-107Z	E CAP.	100μF 50V M
	C621	QETN1VM-228	E CAP.	2200μF 35V M
	C628	QETN1EM-108Z	E CAP.	1000μF 25V M
	C630	QETN1EM-108Z	E CAP.	1000μF 25V M
	C632	QETN1HM-106Z	E CAP.	10μF 50V M
	C633	QETN1HM-106Z	E CAP.	10μF 50V M
	C634	QETN1CM-227Z	E CAP.	220μF 16V M
	C637	QETN1CM-227Z	E CAP.	220μF 16V M
	C638	QETN1HM-106Z	E CAP.	10μF 50V M
	C639	QETN1HM-106Z	E CAP.	10μF 50V M
	C640	QETN1HM-106Z	E CAP.	10μF 50V M
	C641	QETN1HM-106Z	E CAP.	10μF 50V M
	C642	QETN1HM-106Z	E CAP.	10μF 50V M
	C643	QETN1HM-106Z	E CAP.	10μF 50V M
	C644	QETN1CM-107Z	E CAP.	100μF 16V M
	C645	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C646	QETN1HM-106Z	E CAP.	10μF 50V M
	C647	NCB31HK-272X	C CAP.	2700pF 50V K
	C648	NCB31HK-472X	C CAP.	4700pF 50V K
	C671	QETN1HM-106Z	E CAP.	10μF 50V M
	C672	QETN1HM-106Z	E CAP.	10μF 50V M
	C673	NCB31HK-222X	C CAP.	2200pF 50V K
	C674	NCB31HK-222X	C CAP.	2200pF 50V K
	C675	QETN1CM-107Z	E CAP.	100μF 16V M
	C676	NCB31CK-104X	C CAP.	0.1μF 16V K
	C677	NCB31CK-104X	C CAP.	0.1μF 16V K
	C702	NCB31HK-103X	C CAP.	0.01μF 50V K
	C703	QETN1VM-477Z	E CAP.	470μF 35V M
	C704	NCB31CK-104X	C CAP.	0.1μF 16V K
	C705	NCB31CK-104X	C CAP.	0.1μF 16V K
	C706	QETN1AM-227Z	E CAP.	220μF 10V M
	C707	NCB31CK-104X	C CAP.	0.1μF 16V K
	C708	QETN1AM-107Z	E CAP.	100μF 10V M
	C709	NCB31CK-104X	C CAP.	0.1μF 16V K

⚠	Symbol No.	Part No.	Part Name	Description
	CAPACITOR			
	C710	QETN1AM-107Z	E CAP.	100µF 10V M
	C711	QETN1AM-227Z	E CAP.	220µF 10V M
	C712	QETN1AM-227Z	E CAP.	220µF 10V M
	C713	NCB31CK-104X	C CAP.	0.1µF 16V K
	C714	NCB31CK-104X	C CAP.	0.1µF 16V K
	C715	NDC31HJ-561X	C CAP.	560pF 50V J
	C716	NCB31CK-104X	C CAP.	0.1µF 16V K
	C717	NCB31CK-104X	C CAP.	0.1µF 16V K
	C718	QENC1EM-106Z	BP E CAP.	10µF 25V M
	C721	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C722	QETN1HM-106Z	E CAP.	10µF 50V M
	C723	QETN1HM-106Z	E CAP.	10µF 50V M
	C724	QETN1HM-106Z	E CAP.	10µF 50V M
	C725	NCB31CK-104X	C CAP.	0.1µF 16V K
	C726	NCB31CK-104X	C CAP.	0.1µF 16V K
	C727	NCB31CK-104X	C CAP.	0.1µF 16V K
	C728	NCB31CK-104X	C CAP.	0.1µF 16V K
	C729	NCB31EK-333X	C CAP.	0.033µF 25V K
	C730	NDC31HJ-151X	C CAP.	150pF 50V J
	C732	NDC31HJ-330X	C CAP.	33pF 50V J
	C733	NDC31HJ-390X	C CAP.	39pF 50V J
	C734	NCB31CK-104X	C CAP.	0.1µF 16V K
	C735	NCB31EK-333X	C CAP.	0.033µF 25V K
	C736	NCB31HK-102X	C CAP.	1000pF 50V K
	C737	NCB31CK-104X	C CAP.	0.1µF 16V K
	C738	NDC31HJ-151X	C CAP.	150pF 50V J
	C739	NCF31AZ-105X	C CAP.	1µF 10V Z
	C740	NDC31HJ-561X	C CAP.	560pF 50V J
	C741	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C742	QETN1HM-105Z	E CAP.	1.0µF 50V M
	COIL			
	L001	QQL244K-270Z	INDUCTOR	
	L002	QQL244K-100Z	COIL	10µH K
	L003	QQL244K-100Z	COIL	10µH K
	L301	QQL244K-4R7Z	COIL	4.7µH K
	L302	QQL244K-4R7Z	COIL	4.7µH K
	L305	QQL244K-4R7Z	COIL	4.7µH K
	L306	QQL244K-330Z	COIL	33µH K
	L501	QQL244J-151Z	INDUCTOR	
	L671	NQLQ85J-100X	INDUCTOR	
	L672	NQLQ85J-100X	INDUCTOR	
	L701	QQL244K-4R7Z	COIL	4.7µH K
	L702	QQL244K-4R7Z	COIL	4.7µH K
	L703	QQL244K-4R7Z	COIL	4.7µH K
	L704	QQL244K-4R7Z	COIL	4.7µH K
	L705	QQL244K-4R7Z	COIL	4.7µH K
	L706	QQL244K-4R7Z	COIL	4.7µH K
	L707	QQL244K-8R2Z	COIL	8.2µH K
	L708	QQL244K-4R7Z	COIL	4.7µH K
	DIODE			
	D301	MA3051/M/-X	Z DIODE	
	D302	MA111-X	SI DIODE	
	D303	MA111-X	SI DIODE	
	D304	MA111-X	SI DIODE	
	D503	AK04-T2	SB DIODE	
	D611	MA3330/L/-X	Z DIODE	
	D613	MA3330/L/-X	Z DIODE	
	D616	MA111-X	SI DIODE	
	D617	MA111-X	SI DIODE	
	D618	MA111-X	SI DIODE	
	D619	MA111-X	SI DIODE	
	D620	MA111-X	SI DIODE	
	D621	MA111-X	SI DIODE	
	D702	MA111-X	SI DIODE	
	D703	MA111-X	SI DIODE	
	D704	MA3068/M/-X	Z DIODE	
	D705	MA111-X	SI DIODE	
	TRANSISTOR			
	Q002	2SC2412K/QR/-X	TRANSISTOR	
	Q301	2SA1037AK/QR/-X	TRANSISTOR	
	Q302	2SA1037AK/QR/-X	TRANSISTOR	
	Q308	DTC124EKA-X	DIGI TRANSISTOR	
	Q309	2SC2412K/QR/-X	TRANSISTOR	
	Q311	DTC124EKA-X	DIGI TRANSISTOR	

⚠	Symbol No.	Part No.	Part Name	Description
	TRANSISTOR			
	Q312	2SA1037AK/QR/-X	TRANSISTOR	
	Q401	DTC124EKA-X	DIGI TRANSISTOR	
	Q402	2SC2412K/QR/-X	TRANSISTOR	
	Q611	2SA1037AK/QR/-X	TRANSISTOR	
	Q612	DTC124EKA-X	DIGI TRANSISTOR	
	Q614	DTC124EKA-X	DIGI TRANSISTOR	
	Q617	DTC144EKA-X	DIGI TRANSISTOR	
	Q618	2SC2412K/QR/-X	TRANSISTOR	
	Q619	DTC144EKA-X	DIGI TRANSISTOR	
	Q620	2SA1037AK/QR/-X	TRANSISTOR	
	Q671	2SA1037AK/QR/-X	TRANSISTOR	
	Q672	DTC323TK-X	DIGI TRANSISTOR	
	Q673	DTC323TK-X	DIGI TRANSISTOR	
	Q701	DTC124EKA-X	DIGI TRANSISTOR	
	Q702	2SC2412K/QR/-X	TRANSISTOR	
	Q703	2SC2412K/QR/-X	TRANSISTOR	
	Q704	2SC2412K/QR/-X	TRANSISTOR	
	Q705	2SA1037AK/QR/-X	TRANSISTOR	
	Q706	2SC2412K/QR/-X	TRANSISTOR	
	Q707	2SA1037AK/QR/-X	TRANSISTOR	
	Q708	2SC2412K/QR/-X	TRANSISTOR	
	Q709	2SC2412K/QR/-X	TRANSISTOR	
	Q710	2SC2412K/QR/-X	TRANSISTOR	
	Q711	2SC2412K/QR/-X	TRANSISTOR	
	Q712	2SC2412K/QR/-X	TRANSISTOR	
	Q713	2SA1037AK/QR/-X	TRANSISTOR	
	IC			
	IC301	TB1227CN	IC	
	IC302	AN5860	IC	
	IC501	AN5441SA-W	IC	
	IC551	LA6515	IC	
	IC602	AN5277	IC	
	IC603	NJM2701-X	IC	
	IC671	BA05T	IC	
	IC701	SDA555XFL	IC(MICRO C ROM)	
	IC702	AT24C16-28T25EK	IC	(SERVICE)
	IC703	JLC1562BF-X	IC	
	IC704	BA178M05T	IC	
	IC705	MM1478DF-X	IC	
	IC706	R1170H251B-X	IC	
	OTHERS			
		CEMSD09-052	IC SOCKET	
		CEMSD07-008	IC SOCKET	
	CN001	QGF1220C2-19	FFC/FPC CONNE	
	CN003	QGB1506L1-16	B TO B CONNE	
	CN004	QGB1506L1-16	B TO B CONNE	
	CN005	QGB1506L1-16	B TO B CONNE	
	CN006	QGB1505J1-50	B TO B CONNE	
	CN008	QGAZ501C5-08Z	W TO B CONNE	
	CN016	QGAZ501C5-05Z	W TO B CONNE	
	K307	QQR0621-002Z	FERRITE BEADS	
	LC301	CE42142-222Z	EMI FILTER	
	TU001	QAUQ277-001	TUNER	
	X301	QAX0805-001Z	CRYSTAL	
	X701	QAX0669-001Z	CRYSTAL	

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■MAIN P.W. BOARD ASS'Y (SJL-1007A-U2)

⚠ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R002	NRSA63J-101X	MG R	100Ω 1/16W J
R003	NRSA63J-101X	MG R	100Ω 1/16W J
R004	NRSA63J-101X	MG R	100Ω 1/16W J
R005	NRSA63J-101X	MG R	100Ω 1/16W J
R006	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R007	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R008	NRSA63J-102X	MG R	1kΩ 1/16W J
R009	NRSA63J-561X	MG R	560Ω 1/16W J
R010	NRSA63J-331X	MG R	330Ω 1/16W J
R011	NRSA63J-102X	MG R	1kΩ 1/16W J
R304	QRG01GJ-121	OM R	120Ω 1W J
R305	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R306	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R307	NRSA63J-102X	MG R	1kΩ 1/16W J
R308	NRSA63J-471X	MG R	470Ω 1/16W J
R309	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R310	NRSA63J-391X	MG R	390Ω 1/16W J
R311	NRSA63J-391X	MG R	390Ω 1/16W J
R312	NRSA63J-101X	MG R	100Ω 1/16W J
R313	NRSA63J-101X	MG R	100Ω 1/16W J
R314	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R316	NRSA63J-224X	MG R	220kΩ 1/16W J
R317	NRSA63J-101X	MG R	100Ω 1/16W J
R321	NRSA63J-102X	MG R	1kΩ 1/16W J
R327	NRSA63J-471X	MG R	470Ω 1/16W J
R330	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R331	NRSA63J-152X	MG R	1.5kΩ 1/16W J
R332	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R333	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R335	NRSA63J-273X	MG R	27kΩ 1/16W J
R336	NRSA63J-103X	MG R	10kΩ 1/16W J
R337	NRSA63J-102X	MG R	1kΩ 1/16W J
R340	NRSA63J-103X	MG R	10kΩ 1/16W J
R341	NRSA63J-103X	MG R	10kΩ 1/16W J
R342	NRSA63J-152X	MG R	1.5kΩ 1/16W J
R344	NRSA63J-102X	MG R	1kΩ 1/16W J
R345	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R346	NRSA63J-333X	MG R	33kΩ 1/16W J
R401	NRSA63J-103X	MG R	10kΩ 1/16W J
R402	NRSA63J-103X	MG R	10kΩ 1/16W J
R403	NRSA63J-102X	MG R	1kΩ 1/16W J
R404	NRSA63J-183X	MG R	18kΩ 1/16W J
R405	NRSA63J-223X	MG R	22kΩ 1/16W J
R409	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R411	NRSA63D-473X	MG R	47kΩ 1/16W D
R413	NRSA63D-223X	MG R	22kΩ 1/16W D
R414	NRSA63D-101X	MG R	100Ω 1/16W D
R415	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R416	NRSA63J-101X	MG R	100Ω 1/16W J
R417	NRSA63J-223X	MG R	22kΩ 1/16W J
R418	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R419	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R420	NRSA63J-123X	MG R	12kΩ 1/16W J
R502	NRSA63J-103X	MG R	10kΩ 1/16W J
R503	NRSA63J-104X	MG R	100kΩ 1/16W J
R504	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R505	NRSA63J-221X	MG R	220Ω 1/16W J
R506	NRSA63J-221X	MG R	220Ω 1/16W J
R507	NRSA63J-102X	MG R	1kΩ 1/16W J
R508	NRSA63J-223X	MG R	22kΩ 1/16W J
R509	NRSA63J-223X	MG R	22kΩ 1/16W J
R511	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
R514	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R516	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R517	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R518	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R519	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R520	NRSA63J-152X	MG R	1.5kΩ 1/16W J
R551	QRK126J-100X	C R	10Ω 1/2W J
R552	NRSA63J-124X	MG R	120kΩ 1/16W J
R553	NRSA63J-683X	MG R	68kΩ 1/16W J
R554	NRSA63J-333X	MG R	33kΩ 1/16W J
R555	NRSA63J-472X	MG R	4.7kΩ 1/16W J

⚠ Symbol No.	Part No.	Part Name	Description
RESISTOR			
R556	NRSA63J-154X	MG R	150kΩ 1/16W J
R557	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R558	NRSA63J-562X	MG R	5.6kΩ 1/16W J
R560	NRSA63J-104X	MG R	100kΩ 1/16W J
R561	QRE121J-100Y	C R	10Ω 1/2W J
R571	NRSA63J-101X	MG R	100Ω 1/16W J
R572	NRSA63J-223X	MG R	22kΩ 1/16W J
R573	NRSA63J-821X	MG R	820Ω 1/16W J
R574	NRSA63J-333X	MG R	33kΩ 1/16W J
R625	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R626	NRSA63J-104X	MG R	100kΩ 1/16W J
R629	NRSA63J-682X	MG R	6.8kΩ 1/16W J
R630	NRSA63J-104X	MG R	100kΩ 1/16W J
R631	NRSA63J-103X	MG R	10kΩ 1/16W J
R633	NRSA63J-103X	MG R	10kΩ 1/16W J
R637	NRSA63J-104X	MG R	100kΩ 1/16W J
R641	NRSA63J-103X	MG R	10kΩ 1/16W J
R642	NRSA63J-473X	MG R	47kΩ 1/16W J
R643	NRSA63J-822X	MG R	8.2kΩ 1/16W J
R644	NRSA63J-153X	MG R	15kΩ 1/16W J
R645	NRSA63J-222X	MG R	2.2kΩ 1/16W J
R646	NRSA63J-273X	MG R	27kΩ 1/16W J
R647	NRSA63J-473X	MG R	47kΩ 1/16W J
R649	NRSA63J-101X	MG R	100Ω 1/16W J
R650	NRSA63J-101X	MG R	100Ω 1/16W J
R651	NRSA63J-123X	MG R	12kΩ 1/16W J
R671	NRSA63J-104X	MG R	100kΩ 1/16W J
R672	NRSA63J-681X	MG R	680Ω 1/16W J
R673	NRSA63J-681X	MG R	680Ω 1/16W J
R674	NRSA63J-103X	MG R	10kΩ 1/16W J
R675	NRSA63J-103X	MG R	10kΩ 1/16W J
R702	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R704	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R705	NRSA63J-103X	MG R	10kΩ 1/16W J
R707	NRSA63J-103X	MG R	10kΩ 1/16W J
R708	NRSA63J-103X	MG R	10kΩ 1/16W J
R709	NRSA63J-103X	MG R	10kΩ 1/16W J
R710	NRSA63J-103X	MG R	10kΩ 1/16W J
R712	NRSA63J-103X	MG R	10kΩ 1/16W J
R713	NRSA63J-103X	MG R	10kΩ 1/16W J
R714	NRSA63J-101X	MG R	100Ω 1/16W J
R715	NRSA63J-101X	MG R	100Ω 1/16W J
R716	NRSA63J-101X	MG R	100Ω 1/16W J
R717	NRSA63J-101X	MG R	100Ω 1/16W J
R718	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R719	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R720	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R721	NRSA63J-221X	MG R	220Ω 1/16W J
R722	NRSA63J-221X	MG R	220Ω 1/16W J
R723	NRSA63J-221X	MG R	220Ω 1/16W J
R724	NRSA63J-221X	MG R	220Ω 1/16W J
R725	NRSA63J-221X	MG R	220Ω 1/16W J
R726	NRSA63J-683X	MG R	68kΩ 1/16W J
R728	NRSA63J-101X	MG R	100Ω 1/16W J
R729	NRSA63J-101X	MG R	100Ω 1/16W J
R730	NRSA63J-183X	MG R	18kΩ 1/16W J
R731	NRSA63J-183X	MG R	18kΩ 1/16W J
R732	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R733	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R734	NRSA63J-472X	MG R	4.7kΩ 1/16W J
R735	NRSA63J-223X	MG R	22kΩ 1/16W J
R736	NRSA63J-223X	MG R	22kΩ 1/16W J
R737	NRSA63J-103X	MG R	10kΩ 1/16W J
R738	NRSA63J-103X	MG R	10kΩ 1/16W J
R739	NRSA63J-473X	MG R	47kΩ 1/16W J
R740	NRSA63J-332X	MG R	3.3kΩ 1/16W J
R741	NRSA63J-101X	MG R	100Ω 1/16W J
R742	NRSA63J-223X	MG R	22kΩ 1/16W J
R743	NRSA63J-391X	MG R	390Ω 1/16W J
R744	NRSA63J-471X	MG R	470Ω 1/16W J
R745	NRSA63J-182X	MG R	1.8kΩ 1/16W J
R746	NRSA63J-473X	MG R	47kΩ 1/16W J
R747	NRSA63J-682X	MG R	6.8kΩ 1/16W J

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R748	NRSA63J-153X	MG R	15kΩ 1/16W J
	R749	NRSA63J-223X	MG R	22kΩ 1/16W J
	R750	NRSA63J-473X	MG R	47kΩ 1/16W J
	R751	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R752	NRSA63J-103X	MG R	10kΩ 1/16W J
	R753	NRSA63J-223X	MG R	22kΩ 1/16W J
	R757	NRSA63J-102X	MG R	1kΩ 1/16W J
	R758	NRSA63J-0ROX	MG R	0.0Ω 1/16W J
	R759	NRSA63J-0ROX	MG R	0.0Ω 1/16W J
	R760	NRSA63J-0ROX	MG R	0.0Ω 1/16W J
	R763	NRSA63J-823X	MG R	82kΩ 1/16W J
	R764	NRSA63J-104X	MG R	100kΩ 1/16W J
	R765	NRSA63J-103X	MG R	10kΩ 1/16W J
	R766	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R767	NRSA63J-103X	MG R	10kΩ 1/16W J
	R768	NRSA63J-103X	MG R	10kΩ 1/16W J
	R769	NRSA63J-183X	MG R	18kΩ 1/16W J
	R770	NRSA63J-183X	MG R	18kΩ 1/16W J
	R771	NRSA63J-102X	MG R	1kΩ 1/16W J
	R772	NRSA63J-104X	MG R	100kΩ 1/16W J
	R773	NRSA63J-221X	MG R	220Ω 1/16W J
	R774	NRSA63J-473X	MG R	47kΩ 1/16W J
	R775	NRSA63J-102X	MG R	1kΩ 1/16W J
	R776	NRSA63J-473X	MG R	47kΩ 1/16W J
	R777	NRSA63J-102X	MG R	1kΩ 1/16W J
	R778	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R779	NRSA63J-273X	MG R	27kΩ 1/16W J
	R780	NRSA63J-103X	MG R	10kΩ 1/16W J
	R781	NRSA63J-103X	MG R	10kΩ 1/16W J
	R782	NRSA63J-103X	MG R	10kΩ 1/16W J
	R783	NRSA63J-103X	MG R	10kΩ 1/16W J
	R784	NRSA63J-333X	MG R	33kΩ 1/16W J
	R785	NRSA63J-184X	MG R	180kΩ 1/16W J
	R787	NRSA63J-333X	MG R	33kΩ 1/16W J
	R788	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R789	NRSA63J-103X	MG R	10kΩ 1/16W J
	R790	NRSA63J-102X	MG R	1kΩ 1/16W J
	R791	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R792	NRSA63J-103X	MG R	10kΩ 1/16W J
	R793	NRSA63J-102X	MG R	1kΩ 1/16W J
	CAPACITOR			
	C001	NCB31HK-222X	C CAP.	2200pF 50V K
	C002	QETN1HM-106Z	E CAP.	10μF 50V M
	C004	NCB31CK-104X	C CAP.	0.1μF 16V K
	C005	QETN1CM-108Z	E CAP.	1000μF 16V M
	C006	NCB31HK-103X	C CAP.	0.01μF 50V K
	C007	QETN1HM-106Z	E CAP.	10μF 50V M
	C008	NCB31CK-104X	C CAP.	0.1μF 16V K
	C009	QETN1HM-106Z	E CAP.	10μF 50V M
	C010	NCF31AZ-105X	C CAP.	1μF 10V Z
	C011	QETN1HM-106Z	E CAP.	10μF 50V M
	C012	NCB31HK-103X	C CAP.	0.01μF 50V K
	C013	NCB31HK-103X	C CAP.	0.01μF 50V K
	C301	NCB31CK-104X	C CAP.	0.1μF 16V K
	C302	NCB31CK-683X	C CAP.	0.068μF 16V K
	C303	QETN1EM-476Z	E CAP.	47μF 25V M
	C304	NCB31HK-103X	C CAP.	0.01μF 50V K
	C305	QETN1CM-107Z	E CAP.	100μF 16V M
	C306	NCB31HK-103X	C CAP.	0.01μF 50V K
	C307	QETN1CM-477Z	E CAP.	470μF 16V M
	C308	NDC31HJ-120X	C CAP.	12pF 50V J
	C309	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C310	NCB31HK-103X	C CAP.	0.01μF 50V K
	C311	QETN1HM-106Z	E CAP.	10μF 50V M
	C312	NDC31HJ-680X	C CAP.	68pF 50V J
	C313	QETN1CM-107Z	E CAP.	100μF 16V M
	C314	NCB31HK-103X	C CAP.	0.01μF 50V K
	C315	QETN1HM-106Z	E CAP.	10μF 50V M
	C319	QETN1CM-107Z	E CAP.	100μF 16V M
	C320	NCB31HK-103X	C CAP.	0.01μF 50V K
	C321	NCB31CK-104X	C CAP.	0.1μF 16V K
	C322	NCB31CK-104X	C CAP.	0.1μF 16V K
	C323	NCB31CK-104X	C CAP.	0.1μF 16V K
	C324	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C325	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C326	QETN1HM-105Z	E CAP.	1.0μF 50V M

⚠	Symbol No.	Part No.	Part Name	Description
	CAPACITOR			
	C327	QETN1HM-475Z	E CAP.	4.7μF 50V M
	C328	QETN1EM-476Z	E CAP.	47μF 25V M
	C329	NDC31HJ-390X	C CAP.	39pF 50V J
	C330	NDC31HJ-390X	C CAP.	39pF 50V J
	C331	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C332	NCB31HK-103X	C CAP.	0.01μF 50V K
	C333	NCB21EK-104X	C CAP.	0.1μF 25V K
	C334	QETN1HM-106Z	E CAP.	10μF 50V M
	C401	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C403	NCB31HK-103X	C CAP.	0.01μF 50V K
	C404	NCB31HK-103X	C CAP.	0.01μF 50V K
	C405	NCB31HK-103X	C CAP.	0.01μF 50V K
	C406	QFVF1HJ-184Z	MF CAP.	0.18μF 50V J
	C407	QFVF1HJ-824Z	MF CAP.	0.82μF 50V J
	C408	NCB31HK-153X	C CAP.	0.015μF 50V K
	C501	QETN1CM-107Z	E CAP.	100μF 16V M
	C502	NCB31HK-103X	C CAP.	0.01μF 50V K
	C503	NCB31HK-103X	C CAP.	0.01μF 50V K
	C504	NCB31HK-103X	C CAP.	0.01μF 50V K
	C505	NCB31HK-332X	C CAP.	3300pF 50V K
	C506	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C507	NCB31HK-103X	C CAP.	0.01μF 50V K
	C508	QETN1CM-108Z	E CAP.	1000μF 16V M
	C509	QFLC1HJ-823Z	M CAP.	0.082μF 50V J
	C510	NCB31HK-103X	C CAP.	0.01μF 50V K
	C511	NCB31HK-103X	C CAP.	0.01μF 50V K
	C512	QTMN1HM-105Z	E CAP.	1.0μF 50V M
	C513	QETN1CM-228Z	E CAP.	2200μF 16V M
	C514	NCB31HK-103X	C CAP.	0.01μF 50V K
	C515	QFVF1HJ-394Z	MF CAP.	0.39μF 50V J
	C516	NCB31HK-103X	C CAP.	0.01μF 50V K
	C551	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C552	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C553	QETN1EM-476Z	E CAP.	47μF 25V M
	C554	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C555	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C571	NCB31HK-103X	C CAP.	0.01μF 50V K
	C617	QETN1HM-106Z	E CAP.	10μF 50V M
	C619	QETN1HM-106Z	E CAP.	10μF 50V M
	C620	QETN1HM-107Z	E CAP.	100μF 50V M
	C621	QETM1VM-228	E CAP.	2200μF 35V M
	C628	QETN1EM-108Z	E CAP.	1000μF 25V M
	C630	QETN1EM-108Z	E CAP.	1000μF 25V M
	C632	QETN1HM-106Z	E CAP.	10μF 50V M
	C633	QETN1HM-106Z	E CAP.	10μF 50V M
	C634	QETN1CM-227Z	E CAP.	220μF 16V M
	C637	QETN1CM-227Z	E CAP.	220μF 16V M
	C638	QETN1HM-106Z	E CAP.	10μF 50V M
	C639	QETN1HM-106Z	E CAP.	10μF 50V M
	C640	QETN1HM-106Z	E CAP.	10μF 50V M
	C641	QETN1HM-106Z	E CAP.	10μF 50V M
	C642	QETN1HM-106Z	E CAP.	10μF 50V M
	C643	QETN1HM-106Z	E CAP.	10μF 50V M
	C644	QETN1CM-107Z	E CAP.	100μF 16V M
	C645	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C646	QETN1HM-106Z	E CAP.	10μF 50V M
	C647	NCB31HK-272X	C CAP.	2700pF 50V K
	C648	NCB31HK-472X	C CAP.	4700pF 50V K
	C671	QETN1HM-106Z	E CAP.	10μF 50V M
	C672	QETN1HM-106Z	E CAP.	10μF 50V M
	C673	NCB31HK-222X	C CAP.	2200pF 50V K
	C674	NCB31HK-222X	C CAP.	2200pF 50V K
	C675	QETN1CM-107Z	E CAP.	100μF 16V M
	C676	NCB31CK-104X	C CAP.	0.1μF 16V K
	C677	NCB31CK-104X	C CAP.	0.1μF 16V K
	C702	NCB31HK-103X	C CAP.	0.01μF 50V K
	C703	QETM1VM-477Z	E CAP.	470μF 35V M
	C704	NCB31CK-104X	C CAP.	0.1μF 16V K
	C705	NCB31CK-104X	C CAP.	0.1μF 16V K
	C706	QETN1AM-227Z	E CAP.	220μF 10V M
	C707	NCB31CK-104X	C CAP.	0.1μF 16V K
	C708	QETN1AM-107Z	E CAP.	100μF 10V M
	C709	NCB31CK-104X	C CAP.	0.1μF 16V K
	C710	QETN1AM-107Z	E CAP.	100μF 10V M
	C711	QETN1AM-227Z	E CAP.	220μF 10V M
	C712	QETN1AM-227Z	E CAP.	220μF 10V M
	C713	NCB31CK-104X	C CAP.	0.1μF 16V K
	C714	NCB31CK-104X	C CAP.	0.1μF 16V K

⚠	Symbol No.	Part No.	Part Name	Description		
CAPACITOR						
	C715	NDC31HJ-561X	C CAP.	560pF	50V	J
	C716	NCB31CK-104X	C CAP.	0.1μF	16V	K
	C717	NCB31CK-104X	C CAP.	0.1μF	16V	K
	C718	QENC1EM-106Z	BP E CAP.	10μF	25V	M
	C721	QETN1HM-105Z	E CAP.	1.0μF	50V	M
	C722	QETN1HM-106Z	E CAP.	10μF	50V	M
	C723	QETN1HM-106Z	E CAP.	10μF	50V	M
	C724	QETN1HM-106Z	E CAP.	10μF	50V	M
	C725	NCB31CK-104X	C CAP.	0.1μF	16V	K
	C726	NCB31CK-104X	C CAP.	0.1μF	16V	K
	C727	NCB31CK-104X	C CAP.	0.1μF	16V	K
	C728	NCB31CK-104X	C CAP.	0.1μF	16V	K
	C729	NCB31EK-333X	C CAP.	0.033μF	25V	K
	C730	NDC31HJ-151X	C CAP.	150pF	50V	J
	C732	NDC31HJ-330X	C CAP.	33pF	50V	J
	C733	NDC31HJ-390X	C CAP.	39pF	50V	J
	C734	NCB31CK-104X	C CAP.	0.1μF	16V	K
	C735	NCB31EK-333X	C CAP.	0.033μF	25V	K
	C736	NCB31HK-102X	C CAP.	1000pF	50V	K
	C737	NCB31CK-104X	C CAP.	0.1μF	16V	K
	C738	NDC31HJ-151X	C CAP.	150pF	50V	J
	C739	NCF31AZ-105X	C CAP.	1μF	10V	Z
	C740	NDC31HJ-561X	C CAP.	560pF	50V	J
	C741	QETN1HM-105Z	E CAP.	1.0μF	50V	M
	C742	QETN1HM-105Z	E CAP.	1.0μF	50V	M
COIL						
	L001	QQL244K-270Z	INDUCTOR			
	L002	QQL244K-100Z	COIL	10μH		K
	L003	QQL244K-100Z	COIL	10μH		K
	L301	QQL244K-4R7Z	COIL	4.7μH		K
	L302	QQL244K-4R7Z	COIL	4.7μH		K
	L305	QQL244K-4R7Z	COIL	4.7μH		K
	L306	QQL244K-330Z	COIL	33μH		K
	L501	QQL244J-151Z	INDUCTOR			
	L671	NQLQ85J-100X	INDUCTOR			
	L672	NQLQ85J-100X	INDUCTOR			
	L701	QQL244K-4R7Z	COIL	4.7μH		K
	L702	QQL244K-4R7Z	COIL	4.7μH		K
	L703	QQL244K-4R7Z	COIL	4.7μH		K
	L704	QQL244K-4R7Z	COIL	4.7μH		K
	L705	QQL244K-4R7Z	COIL	4.7μH		K
	L706	QQL244K-4R7Z	COIL	4.7μH		K
	L707	QQL244K-8R2Z	COIL	8.2μH		K
	L708	QQL244K-4R7Z	COIL	4.7μH		K
DIODE						
	D301	MA3051/M/-X	Z DIODE			
	D302	MA111-X	SI DIODE			
	D303	MA111-X	SI DIODE			
	D304	MA111-X	SI DIODE			
	D503	AK04-T2	SB DIODE			
	D611	MA3330/L/-X	Z DIODE			
	D613	MA3330/L/-X	Z DIODE			
	D616	MA111-X	SI DIODE			
	D617	MA111-X	SI DIODE			
	D618	MA111-X	SI DIODE			
	D619	MA111-X	SI DIODE			
	D620	MA111-X	SI DIODE			
	D621	MA111-X	SI DIODE			
	D702	MA111-X	SI DIODE			
	D703	MA111-X	SI DIODE			
	D704	MA3068/M/-X	Z DIODE			
	D705	MA111-X	SI DIODE			
TRANSISTOR						
	Q001	2SC2412K/QR/-X	TRANSISTOR			
	Q002	2SC2412K/QR/-X	TRANSISTOR			
	Q301	2SA1037AK/QR/-X	TRANSISTOR			
	Q302	2SA1037AK/QR/-X	TRANSISTOR			
	Q308	DTC124EKA-X	DIGI TRANSISTOR			
	Q309	2SC2412K/QR/-X	TRANSISTOR			
	Q311	DTC124EKA-X	DIGI TRANSISTOR			
	Q312	2SA1037AK/QR/-X	TRANSISTOR			
	Q401	DTC124EKA-X	DIGI TRANSISTOR			
	Q402	2SC2412K/QR/-X	TRANSISTOR			
	Q611	2SA1037AK/QR/-X	TRANSISTOR			
	Q612	DTC124EKA-X	DIGI TRANSISTOR			

⚠	Symbol No.	Part No.	Part Name	Description
TRANSISTOR				
	Q614	DTC124EKA-X	DIGI TRANSISTOR	
	Q617	DTC144EKA-X	DIGI TRANSISTOR	
	Q618	2SC2412K/QR/-X	TRANSISTOR	
	Q619	DTC144EKA-X	DIGI TRANSISTOR	
	Q620	2SA1037AK/QR/-X	TRANSISTOR	
	Q671	2SA1037AK/QR/-X	TRANSISTOR	
	Q672	DTC323TK-X	DIGI TRANSISTOR	
	Q673	DTC323TK-X	DIGI TRANSISTOR	
	Q701	DTC124EKA-X	DIGI TRANSISTOR	
	Q702	2SC2412K/QR/-X	TRANSISTOR	
	Q703	2SC2412K/QR/-X	TRANSISTOR	
	Q704	2SC2412K/QR/-X	TRANSISTOR	
	Q705	2SA1037AK/QR/-X	TRANSISTOR	
	Q706	2SC2412K/QR/-X	TRANSISTOR	
	Q707	2SA1037AK/QR/-X	TRANSISTOR	
	Q708	2SC2412K/QR/-X	TRANSISTOR	
	Q709	2SC2412K/QR/-X	TRANSISTOR	
	Q710	2SC2412K/QR/-X	TRANSISTOR	
	Q711	2SC2412K/QR/-X	TRANSISTOR	
	Q712	2SC2412K/QR/-X	TRANSISTOR	
	Q713	2SA1037AK/QR/-X	TRANSISTOR	
IC				
	IC301	TB1227CN	IC	
	IC302	AN5860	I C	
	IC501	AN5441SA-W	IC	
	IC551	LA6515	I C	
	IC602	AN5277	IC	
	IC603	NJM2701-X	I C	
	IC671	BA05T	IC	
	IC701	SDA555XFL	IC(MICRO C ROM)	
	IC702	AT24C16-28T25EK	IC	(SERVICE)
	IC703	JLC1562BF-X	I C	
	IC704	BA17805T	IC	
	IC705	MM1478DF-X	IC	
	IC706	R1170H251B-X	IC	
OTHERS				
		CEMSD09-052	IC SOCKET	
		CEMSD07-008	IC SOCKET	
	CN001	QGF1220C2-19	FFC/FPC CONNE	
	CN003	QGB1506L1-16	B TO B CONNE	
	CN004	QGB1506L1-16	B TO B CONNE	
	CN005	QGB1506L1-16	B TO B CONNE	
	CN006	QGB1505J1-50	B TO B CONNE	
	CN008	QGA2501C5-08Z	W TO B CONNE	
	CN016	QGA2501C5-05Z	W TO B CONNE	
	K307	QQR0621-002Z	FERRITE BEADS	
	LC301	CE42J42-222Z	EMI FILTER	
	TU001	QAU0276-001	TUNER	
	X301	QAX0305-001Z	CRYSTAL	
	X701	QAX0669-001Z	CRYSTAL	

AV32T25EKS / AV32T55EKS / AV32T25EIS

■POWER & DEF. P.W. BOARD ASS'Y (SJL-2002A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R401	QRE141J-682Y	C R	6.8kΩ 1/4W J
	R402	QRA14CF-6801Y	MF R	6.8kΩ 1/4W F
	R403	QRA14CF-3091Y	MF R	3.09kΩ 1/4W F
	R404	QRA14CF-8200Y	MF R	820Ω 1/4W F
	R405	QRA14CF-8200Y	MF R	820Ω 1/4W F
	R406	QRE141J-103Y	C R	10kΩ 1/4W J
	R407	QUY153-050Y	IM BUS WIRE	
	R409	QRE141J-103Y	C R	10kΩ 1/4W J
	R410	QRE141J-102Y	C R	1kΩ 1/4W J
	R414	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R415	QRX01GJ-1R8	MF R	1.8Ω 1W J
	R416	QRG01GJ-820	OM R	82Ω 1W J
	R417	QRE121J-1R0Y	C R	1.0Ω 1/2W J
	R461	QRE141J-331Y	C R	330Ω 1/4W J
	R463	QRE121J-392Y	C R	3.9kΩ 1/2W J
	R464	QRE121J-562Y	C R	5.6kΩ 1/2W J
	R465	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R466	QRE121J-102Y	C R	1kΩ 1/2W J
	R467	QRL03J-120	OM R	12Ω 3W J
	R468	QRE121J-472Y	C R	4.7kΩ 1/2W J
	R492	QRE141J-683Y	C R	68kΩ 1/4W J
	R493	QRE141J-224Y	C R	220kΩ 1/4W J
⚠	R494	QRZ9017-4R7	F R	4.7 Ω 1/4W J
	R495	QRE141J-103Y	C R	10kΩ 1/4W J
	R496	QRE141J-183Y	C R	18kΩ 1/4W J
	R497	QRE141J-153Y	C R	15kΩ 1/4W J
	R501	QRE141J-561Y	C R	560Ω 1/4W J
	R502	QRE141J-222Y	C R	2.2kΩ 1/4W J
	R503	QRE121J-152Y	C R	1.5kΩ 1/2W J
	R504	QRL03J-332	OM R	3.3kΩ 3W J
	R505	QRL03J-332	OM R	3.3kΩ 3W J
	R521	QRE121J-150Y	C R	15Ω 1/2W J
	R522	QRL03J-103	OM R	10kΩ 3W J
	R523	QRE121J-471Y	C R	470Ω 1/2W J
⚠	R524	QRZ9017-4R7	F R	4.7 Ω 1/4W J
	R525	QRE141J-152Y	C R	1.5kΩ 1/4W J
	R541	QRE121J-103Y	C R	10kΩ 1/2W J
	R542	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R543	QRE121J-124Y	C R	120kΩ 1/2W J
	R544	QRE121J-104Y	C R	100kΩ 1/2W J
	R545	QRE141J-123Y	C R	12kΩ 1/4W J
	R546	QRE121J-104Y	C R	100kΩ 1/2W J
	R547	QRE141J-123Y	C R	12kΩ 1/4W J
	R548	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R551	QRT03J-1R2	MF R	1.2Ω 3W J
	R552	QRT03J-1R2	MF R	1.2Ω 3W J
	R553	QRF104K-5R6	UNF R	5.6Ω 10W K
⚠	R554	QRZ9022-R47	F R	0.47 Ω 1W K
⚠	R555	QRZ9011-4R7	F R	4.7 Ω 1/2W J
	R561	QRL02J-220	OM R	22Ω 2W J
	R562	QRE121J-123Y	C R	12kΩ 1/2W J
	R563	QRZ0056-103Z	COMP R	10kΩ 1/2W K
	R591	QRE121J-123Y	C R	12kΩ 1/2W J
	R592	QRA14CF-1201Y	MF R	1.2kΩ 1/4W F
	R593	QRE141J-183Y	C R	18kΩ 1/4W J
	R594	QRE141J-222Y	C R	2.2kΩ 1/4W J
⚠	R595	QRA14CF-2102Y	MF R	21kΩ 1/4W F
⚠	R596	QRA14CF-2671Y	MF R	2.67kΩ 1/4W F
	R597	QRE141J-273Y	C R	27kΩ 1/4W J
	R902	QRE121J-331Y	C R	330Ω 1/2W J
	R903	QRF104K-3R9	UNF R	3.9Ω 10W K
	R904	QRE121J-474Y	C R	470kΩ 1/2W J
	R905	QRE121J-474Y	C R	470kΩ 1/2W J
	R906	QUY153-050Y	IM BUS WIRE	
	R907	QRL03J-823	OM R	82kΩ 3W J
	R908	QRL03J-823	OM R	82kΩ 3W J
	R909	QRG03J-473	OM R	47kΩ 3W J
	R911	QRM059J-R10	MP R	0.10Ω 5W J
	R912	QRT02J-R82	MF R	0.82Ω 2W J
⚠	R913	QRZ9017-100	F R	10 Ω 1/4W K

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R914	QRE121J-272Y	C R	2.7kΩ 1/2W J
	R916	QRE141J-103Y	C R	10kΩ 1/4W J
	R917	QRE121J-221Y	C R	220Ω 1/2W J
	R918	QRE121J-102Y	C R	1kΩ 1/2W J
	R932	QUY153-050Y	IM BUS WIRE	
	R934	QRE141J-102Y	C R	1kΩ 1/4W J
	R935	QRE141J-223Y	C R	22kΩ 1/4W J
	R936	QRE141J-103Y	C R	10kΩ 1/4W J
⚠	R939	QRZ9017-100	C R	10Ω 1/4W K
	R941	QRE141J-102Y	C R	1kΩ 1/4W J
	R952	QRE141J-222Y	C R	2.2kΩ 1/4W J
	R964	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R967	QRL03J-223	OM R	22kΩ 3W J
	R976	QRL02J-100	OM R	10Ω 2W J
⚠	R991	QRZ0057-825	C R	8.2MΩ 1W J
	CAPACITOR			
	C401	QEHR1VM-227Z	E CAP.	220μF 35V M
	C402	QETM1VM-108	E CAP.	1000μF 35V M
	C403	QFLC2AJ-683Z	M CAP.	0.068μF 100V J
	C404	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C405	QFLC1HJ-472Z	M CAP.	4700pF 50V J
	C406	QCZ0B37-180Z	C CAP.	18pF 2kV K
	C407	QFLC1HJ-102Z	M CAP.	1000pF 50V J
	C408	QFVF1HJ-334Z	MF CAP.	0.33μF 50V J
	C410	QFVF1HJ-334Z	MF CAP.	0.33μF 50V J
	C411	QFLC2AJ-563Z	M CAP.	0.056μF 100V J
	C451	QFVF1HJ-104Z	MF CAP.	0.1μF 50V J
	C461	QEZ0195-475Z	E CAP.	4.7μF 50V M
	C462	QETN1HM-106Z	E CAP.	10μF 50V M
	C463	QFLC1HJ-153Z	M CAP.	0.015μF 50V J
	C464	QFLC1HJ-332Z	M CAP.	3300pF 50V J
	C491	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C492	QETN1HM-106Z	E CAP.	10μF 50V M
	C502	QCB32HK-681Z	C CAP.	680pF 500V K
	C503	QEHR2CM-105Z	E CAP.	1.0μF 160V M
⚠	C521	QFZ0200-452	MPP CAP.	4500pF 1.5kVH±3%
⚠	C522	QFZ0200-123	MPP CAP.	0.012μF 1.5kVH±3%
⚠	C523	QFP32GJ-153	PP CAP.	0.015μF 400V J
	C524	QFM72DK-104	M CAP.	0.1μF 200V K
⚠	C526	QFZ0199-304	MPP CAP.	0.3μF 250V J
	C527	QEHR2EM-475Z	E CAP.	4.7μF 250V M
⚠	C529	QFM72DK-393	M CAP.	0.039μF 200V K
	C530	QCB32HK-561Z	C CAP.	560pF 500V K
	C531	QFLC1HJ-103Z	M CAP.	0.01μF 50V J
	C533	QCS32HJ-560Z	C CAP.	56pF 500V J
	C542	QFZ0197-104	MPP CAP.	0.1μF 250V J
	C543	QFZ0197-104	MPP CAP.	0.1μF 250V J
	C551	QETN2EM-106Z	E CAP.	10μF 250V M
	C552	QCB32HK-152Z	C CAP.	1500pF 500V K
	C553	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C554	QCB32HK-152Z	C CAP.	1500pF 500V K
	C555	QEHR1EM-108Z	E CAP.	1000μF 25V M
	C560	QETM2CM-227	E CAP.	220μF 160V M
	C561	QFLC1HJ-683Z	M CAP.	0.068μF 50V J
	C591	QETN1AM-107Z	E CAP.	100μF 10V M
	C592	QETN1EM-476Z	E CAP.	47μF 25V M
	C593	QETN2AM-106Z	E CAP.	10μF 100V M
	C594	QETN1AM-227Z	E CAP.	220μF 10V M
⚠	C901	QFZ9075-473	MPP CAP.	0.047μFAC275V M
⚠	C904	QCZ9054-472	C CAP.	4700pFAC250V Z
⚠	C905	QCZ9054-472	C CAP.	4700pFAC250V Z
⚠	C906	QCZ9054-472	C CAP.	4700pFAC250V Z
	C907	QEZ0199-227	E CAP.	220μF 400V M
	C908	QCB32HK-103	C CAP.	0.01μF 500V K
	C909	QCZ0122-391	C CAP.	390pF 2kV K
	C910	QCZ0122-681	C CAP.	680pF 2kV K
	C912	QCB31HK-102Z	C CAP.	1000pF 50V K
	C916	QETN1HM-476Z	E CAP.	47μF 50V M
	C917	QETN1HM-475Z	E CAP.	4.7μF 50V M

⚠	Symbol No.	Part No.	Part Name	Description
	CAPACITOR			
	C918	QCB31HK-152Z	C CAP.	1500pF 50V K
	C920	QFVF1HJ-334Z	MF CAP.	0.33μF 50V J
	C933	QETM1VM-338	E CAP.	3300μF 35V M
	C951	QCZ0122-561	C CAP.	560pF 2kV K
	C952	QEZ0203-227	E CAP.	220μF 160V M
	C953	QCB32HK-391Z	C CAP.	390pF 500V K
	C954	QTHM1EM-228	E CAP.	2200μF 25V M
	C955	QCB32HK-391Z	C CAP.	390pF 500V K
	C956	QTHM1CM-228	E CAP.	2200μF 16V M
	C958	QCB32HK-391Z	C CAP.	390pF 500V K
	C959	QETM1VM-338	E CAP.	3300μF 35V M
	C964	QFVF1HJ-684Z	MF CAP.	0.68μF 50V J
	C968	QCZ0120-104Z	C CAP.	0.1μF 25V Z
	C969	QEHR1CM-477Z	E CAP.	470μF 16V M
	C970	QEHR1CM-107Z	E CAP.	100μF 16V M
	C971	QCZ0120-104Z	C CAP.	0.1μF 25V Z
	C972	QETM1CM-227Z	E CAP.	220μF 16V M
	C973	QETM1EM-476Z	E CAP.	47μF 25V M
	C974	QCZ0120-104Z	C CAP.	0.1μF 25V Z
	C975	QETM1AM-227Z	E CAP.	220μF 10V M
	C976	QETM1EM-476Z	E CAP.	47μF 25V M
⚠	C991	QCZ9079-332	C CAP.	3300pF AC250V M
⚠	C992	QCZ9079-471	C CAP.	470pF AC250V K
	TRANSFORMER			
	T501	CE42D34-002	HOR DRIVE TRANS	
⚠	T551	QQH0130-001	FBT	
	T561	QQR0898-001	DEF TRANSF	
⚠	T901	QQS0144-001	SW TRANSF	
	COIL			
	L461	QQLZD27-821	INDUCTOR	
	L521	QQLZD28-501	INDUCTOR	
	L522	QQR1106-002	LINEARITY COIL	
	L561	QQLZD28-472	INDUCTOR	
	L901	QQL402K-100	COIL	10μH K
	L902	QQL402K-100	COIL	10μH K
⚠	L903	QQR1200-001	LINEARITY COIL	
	L951	QQLZD26-460	INDUCTOR	
	L952	QQL26AK-820Z	COIL	82μH K
	L953	QQL26AM-5R6Z	INDUCTOR	
	L954	QQL26AM-5R6Z	INDUCTOR	
	L955	QQL26AK-220Z	COIL	22μH K
	DIODE			
	D402	1N4003-T2	SI DIODE	
	D451	EU2-T3	SI DIODE	
	D491	1SS133-T2	SI DIODE	
	D492	MTZJ22B-T2	Z DIODE	
	D493	1SS133-T2	SI DIODE	
	D494	1SS133-T2	SI DIODE	
	D521	RH3G-F1	SI DIODE	
	D522	RU30A-F1	SI DIODE	
	D523	EU2-T3	SI DIODE	
	D525	MTZJ9.1B-T2	Z DIODE	
	D551	EU2A-T3	SI DIODE	
	D553	EU2-T3	SI DIODE	
	D554	EU2-T3	SI DIODE	
	D591	MTZJ15B-T2	Z DIODE	
	D592	MTZJ7.5B-T2	Z DIODE	
	D593	EU2-T3	SI DIODE	
	D594	MTZJ7.5S-T2	Z DIODE	
⚠	D901	D3SBA60	BRIDGE DIODE	
	D902	RG1C-LFA1	SI DIODE	
	D904	AU01Z-T2	FR DIODE	
	D905	AU01Z-T2	FR DIODE	
	D906	MTZJ4.7A-T2	Z DIODE	
	D907	MTZJ15B-T2	Z DIODE	
	D909	1SS133-T2	SI DIODE	
	D910	QUY153-050Y	IM BUS WIRE	
	D911	MTZJ15B-T2	Z DIODE	
	D913	MTZJ27B-T2	Z DIODE	
	D951	RU4B-F1	SI DIODE	
	D953	EU2-T3	SI DIODE	
	D954	EU2-T3	SI DIODE	
	D955	FMX-G12S	SI DIODE	
	D957	RGP10J-5025-T3	SI DIODE	
	D958	1SR35-400A-T2	SI DIODE	
	D961	QUY153-050Y	IM BUS WIRE	

⚠	Symbol No.	Part No.	Part Name	Description
	DIODE			
	D962	QUY153-050Y	IM BUS WIRE	
	D963	MTZJ3.9B-T2	Z DIODE	
	D964	MTZJ3.3B-T2	Z DIODE	
	D965	MTZJ4.3B-T2	Z DIODE	
	D981	1SS133-T2	SI DIODE	
	D982	1SS133-T2	SI DIODE	
	D983	1SS133-T2	SI DIODE	
	D985	MTZJ7.5C-T2	Z DIODE	
	TRANSISTOR			
	Q402	2SC1740S/QR/-T	TRANSISTOR	
	Q461	2SD1408/OY/-LB	POW TRANSISTOR	
	Q462	2SA933AS/QR/-T	TRANSISTOR	
	Q463	2SA933AS/QR/-T	TRANSISTOR	
	Q501	BSN304-T	MOS FET	
	Q514	DTC124ESA-T	DIGI TRANSISTOR	
⚠	Q521	2SD2553-LB	POW TRANSISTOR	H.OUT
	Q542	DTC124ESA-T	DIGI TRANSISTOR	
	Q543	IRF620	POWER MOS FET	
	Q544	2SK2459N-F54	POWER MOS FET	
	Q545	2SK2459N-F54	POWER MOS FET	
	Q546	DTC124ESA-T	DIGI TRANSISTOR	
	Q591	2SA949/Y/Z1-T	TRANSISTOR	
	Q592	DTC124ESA-T	DIGI TRANSISTOR	
	Q593	2SC1740S/QR/-T	TRANSISTOR	
	Q931	2SC1740S/QR/-T	TRANSISTOR	
	Q932	DTC124ESA-T	DIGI TRANSISTOR	
	IC			
⚠	IC401	LA78041	IC	
	IC901	STR-F6254/F7	IC	
	IC951	SE140N	IC	
	IC952	BA12T	IC	
	IC953	BA17809T	IC	
	IC954	PQ05RF11	IC	
	OTHERS			
	CN003	QGB1506M1-16	B TO B CONNE	
	CN004	QGB1506M1-16	B TO B CONNE	
	CN005	QGB1506M1-16	B TO B CONNE	
	CN009	QGAZ501C5-06Z	W TO B CONNE	
⚠	CP951	QUY153-050Y	IM BUS WIRE	
⚠	CP952	ICP-N50-Y	IC PROTECTOR	
⚠	CP953	QMFZD34-4R0Z-J1	FUSE	4.0A
⚠	CP955	ICP-N75-Y	IC PROTECTOR	
	K401	QQR0621-002Z	FERRITE BEADS	
	K503	QQR0582-001Z	FERRITE BEADS	
	K504	QQR0582-001Z	FERRITE BEADS	
	K901	QQR0679-001	FERRITE BEADS	
	K904	QQR0679-001	FERRITE BEADS	
	K951	QQR0872-001Y	FERRITE BEADS	
	K952	QQR0621-002Z	FERRITE BEADS	
	K953	QQR0621-002Z	FERRITE BEADS	
	K954	QQR0621-002Z	FERRITE BEADS	
	K956	QQR0621-002Z	FERRITE BEADS	
⚠	LF902	QQR1095-001	LINE FILTER	
⚠	PC541	PC123FY2	IC(PHOTO COUPLE	
⚠	PC901	PC123FY2	IC(PHOTO COUPLE	
⚠	TH901	QADC133-9R0	P THERMISTOR	

■CRT SOCKET P.W. BOARD ASS'Y (SJL-3002A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R3101	NRSA63J-101X	MG R	100Ω 1/16W J
	R3102	NRSA63J-101X	MG R	100Ω 1/16W J
	R3103	NRSA63J-101X	MG R	100Ω 1/16W J
	R3107	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R3108	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R3109	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R3110	NRSA63J-221X	MG R	220Ω 1/16W J
	R3111	NRSA63J-221X	MG R	220Ω 1/16W J
	R3112	NRSA63J-221X	MG R	220Ω 1/16W J
	R3113	NRSA63J-470X	MG R	47Ω 1/16W J
	R3114	NRSA63J-470X	MG R	47Ω 1/16W J
	R3115	NRSA63J-470X	MG R	47Ω 1/16W J
	R3116	QRLQ29J-153	OM R	15kΩ 2W J
	R3117	QRLQ29J-153	OM R	15kΩ 2W J
	R3118	QRLQ29J-153	OM R	15kΩ 2W J
	R3119	QRLQ29J-183	OM R	18kΩ 2W J
	R3120	QRLQ29J-183	OM R	18kΩ 2W J
	R3121	QRLQ29J-183	OM R	18kΩ 2W J
	R3125	QRZQ107-102Z	C R	1kΩ 1/2W K
	R3126	QRZQ107-102Z	C R	1kΩ 1/2W K
	R3127	QRZQ107-102Z	C R	1kΩ 1/2W K
	R3130	QRGQ1GJ-101	OM R	100Ω 1W J
	R3135	QRZQ107-474Z	C R	470kΩ 1/2W K
	R3136	QRE121J-474Y	C R	470kΩ 1/2W J
	R3137	QRZQ107-102Z	C R	1kΩ 1/2W K
	R3138	QRE121J-105Y	C R	1MΩ 1/2W J
	R3151	NRSA63J-102X	MG R	1kΩ 1/16W J
	R3152	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R3154	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R3303	NRSA63J-101X	MG R	100Ω 1/16W J
	R3312	NRSA63J-153X	MG R	15kΩ 1/16W J
	R3313	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R3314	NRSA63J-221X	MG R	220Ω 1/16W J
	R3315	NRSA63J-101X	MG R	100Ω 1/16W J
	R3316	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R3317	NRSA63J-470X	MG R	47Ω 1/16W J
⚠	R3318	QRJ146J-100X	C R	10Ω 1/4W J
	R3319	NRSA63J-470X	MG R	47Ω 1/16W J
	R3320	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R3321	NRSA63J-390X	MG R	39Ω 1/16W J
	R3322	QRE121J-2R7Y	C R	2.7Ω 1/2W J
	R3323	QRE121J-563Y	C R	56kΩ 1/2W J
	R3324	QRE121J-563Y	C R	56kΩ 1/2W J
	R3325	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R3326	QRE121J-2R7Y	C R	2.7Ω 1/2W J
	R3327	NRSA63J-390X	MG R	39Ω 1/16W J
	R3328	NRSA63J-121X	MG R	120Ω 1/16W J
	R3329	QRLQ29J-391	OM R	390Ω 2W J
	CAPACITOR			
	C3101	NDC31HJ-391X	C CAP.	390pF 50V J
	C3102	NDC31HJ-391X	C CAP.	390pF 50V J
	C3103	NDC31HJ-391X	C CAP.	390pF 50V J
	C3104	QETN1CM-107Z	E CAP.	100μF 16V M
	C3105	QETN1EM-476Z	E CAP.	47μF 25V M
	C3107	QETN1HM-106Z	E CAP.	10μF 50V M
	C3113	QCZQ131-222	C CAP.	2200pF 2kV K
	C3114	QETM2EM-336	E CAP.	33μF 250V M
	C3115	QETM2EM-106	E CAP.	10μF 250V M
	C3116	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	C3304	NCB31HK-103X	C CAP.	0.01μF 50V K
	C3305	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C3306	QETN1CM-107Z	E CAP.	100μF 16V M
	C3307	NDC31HJ-5R0X	C CAP.	5.0pF 50V J
	C3308	QETN2CM-106Z	E CAP.	10μF 160V M
	C3309	QCB32HK-472Z	C CAP.	4700pF 500V K
	C3310	QETN2CM-106Z	E CAP.	10μF 160V M
	C3311	NDC31HJ-821X	C CAP.	820pF 50V J
	C3312	QCB32HK-472Z	C CAP.	4700pF 500V K
	C3313	NDC31HJ-561X	C CAP.	560pF 50V J
	C3314	QETN1CM-107Z	E CAP.	100μF 16V M
	C3315	QCS32HJ-680Z	C CAP.	68pF 500V J
	C3316	QETN1CM-107Z	E CAP.	100μF 16V M
	C3317	QETN1AM-337Z	E CAP.	330μF 10V M
	COIL			
	L3101	QUY153-050Y	IM BUS WIRE	
	L3102	QUY153-050Y	IM BUS WIRE	
	L3103	QUY153-050Y	IM BUS WIRE	

⚠	Symbol No.	Part No.	Part Name	Description
	COIL			
	L3301	QQL244J-391Z	INDUCTOR	
	DIODE			
	D3151	MA111-X	SI DIODE	
	D3152	MA3082/L/-X	Z DIODE	
	D3153	MA111-X	SI DIODE	
	D3154	MA111-X	SI DIODE	
	D3155	MA111-X	SI DIODE	
	D3156	MA3047/H/-X	Z DIODE	
	D3163	MA3150/M/-X	Z DIODE	
	D3164	15R35-400A-T2	SI DIODE	
	D3302	RH1S-T3	SI DIODE	
	D3308	RH1S-T3	SI DIODE	
	TRANSISTOR			
	Q3101	2SC1740S/QR/-T	TRANSISTOR	
	Q3102	2SC1740S/QR/-T	TRANSISTOR	
	Q3103	2SC1740S/QR/-T	TRANSISTOR	
	Q3104	2SC4544-LB	POW TRANSISTOR	
	Q3105	2SC4544-LB	POW TRANSISTOR	
	Q3106	2SC4544-LB	POW TRANSISTOR	
	Q3151	2SA1037AK/QR/-X	TRANSISTOR	
	Q3152	2SC4682-T	TRANSISTOR	
	Q3304	2SC1740S/QR/-T	TRANSISTOR	
	Q3305	2SC1740S/QR/-T	TRANSISTOR	
	Q3306	2SA933AS/QR/-T	TRANSISTOR	
	Q3307	2SA1837	POWER TRANSISTO	
	Q3308	2SC4793	POWER TRANSISTO	
	OTHERS			
	CN3008	QJK002-083633	SIN CR C-B WIRE	
	CN3009	QJK002-063631	SIN CR C-B WIRE	
⚠	FR3330	QRZ9021-561	F R	560Ω 1W J
	K3101	QQR0521-002Z	FERRITE BEADS	
	K3301	CE41492-001Z	CHOKE COIL	
	K3302	CE41492-001Z	CHOKE COIL	
	K3303	CE41492-001Z	CHOKE COIL	
	K3304	CE41492-001Z	CHOKE COIL	
⚠	SK3001	QNZ0574-001	CRT SOCKET	

■FRONT CONTROL P.W. BOARD ASS'Y (SJL-8004A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R8801	NRSA63J-561X	MG R	560Ω 1/16W J
	R8802	NRSA63J-561X	MG R	560Ω 1/16W J
	R8804	NRSA63J-103X	MG R	10kΩ 1/16W J
	R8851	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	CAPACITOR			
	C8851	NCB31CK-104X	C CAP.	0.1μF 16V K
	C8852	QETN1CM-107Z	E CAP.	100μF 16V M
⚠	C8901	QFZ9075-474	MPP CAP.	0.47μFAC275V M
	DIODE			
	D8801	SPR-39MVWF	LED	
	D8851	MA3068/M/-X	Z DIODE	
	TRANSISTOR			
	Q8801	DTA124EKA-X	DIGI TRANSISTOR	
	Q8802	DTA124EKA-X	DIGI TRANSISTOR	
	Q8803	DTC124EKA-X	DIGI TRANSISTOR	
	IC			
	IC8851	GP1U281Q	IR DETECT UNIT	
	OTHERS			
		LC3C849-001A-H	LED HOLDER	
		CEMC002-001Z	FUSE CLIP	
	CN8001	QGF1220C2-19	FFC/FPC CONNE	
⚠	F8901	QMF51D2-3R15J1	FUSE	3.15A
⚠	LF8901	QQR1095-001	LINE FILTER	
⚠	S8901	QSW0824-001	PUSH SWITCH	MAIN POWER

■SIDE CONTROL P.W. BOARD ASS'Y (SJL-8104A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
RESISTOR				
	R8001	QRE121J-271Y	C R	270Ω 1/2W J
	R8002	QRE121J-271Y	C R	270Ω 1/2W J
	R8010	NRSA63J-103X	MG R	10kΩ 1/16W J
	R8011	NRSA63J-103X	MG R	10kΩ 1/16W J
	R8012	NRSA63J-103X	MG R	10kΩ 1/16W J
	R8021	NRSA63J-102X	MG R	1kΩ 1/16W J
	R8022	NRSA63J-102X	MG R	1kΩ 1/16W J
	R8317	NRSA63J-750X	MG R	75Ω 1/16W J
CAPACITOR				
	C8001	NCB31HK-103X	C CAP.	0.01μF 50V K
	C8002	NCB31HK-103X	C CAP.	0.01μF 50V K
	C8003	NCB31HK-102X	C CAP.	1000pF 50V K
	C8004	NCB31HK-102X	C CAP.	1000pF 50V K
	C8310	NCB31HK-472X	C CAP.	4700pF 50V K
	C8311	NCB31HK-472X	C CAP.	4700pF 50V K
	C8321	NCB31CK-104X	C CAP.	0.1μF 16V K
COIL				
	L8001	QQR0716-001Z	FERRITE BEADS	
	L8002	QQL244K-5R6Z	COIL	5.6μH K
	L8003	QQL244K-5R6Z	COIL	5.6μH K
	L8310	QQL244K-270Z	INDUCTOR	
	L8311	QQL244K-270Z	INDUCTOR	
	L8312	QQR0716-001Z	FERRITE BEADS	
OTHERS				
	CN8016	QGA2501C5-05Z	W TO B CONNE	
	J8001	QNS0169-001	3.5 JACK	
	J8303	QNZ0438-001	AV JACK	
	S8001	QSW0619-003Z	TACT SWITCH	CH UP
	S8002	QSW0619-003Z	TACT SWITCH	MENU
	S8003	QSW0619-003Z	TACT SWITCH	CH DOWN

■AV SW P.W. BOARD ASS'Y (SJL0S002A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
RESISTOR				
	R0101	NRSA63J-750X	MG R	75Ω 1/16W J
	R0102	NRSA63J-750X	MG R	75Ω 1/16W J
	R0103	NRSA63J-750X	MG R	75Ω 1/16W J
	R0104	NRSA63J-750X	MG R	75Ω 1/16W J
	R0105	NRSA63J-750X	MG R	75Ω 1/16W J
	R0106	NRSA63J-750X	MG R	75Ω 1/16W J
	R0107	NRSA63J-750X	MG R	75Ω 1/16W J
	R0108	NRSA63J-750X	MG R	75Ω 1/16W J
	R0110	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0112	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0113	NRSA63J-750X	MG R	75Ω 1/16W J
	R0114	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0115	NRSA63J-223X	MG R	22kΩ 1/16W J
	R0116	NRSA63J-223X	MG R	22kΩ 1/16W J
	R0117	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0118	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0119	NRSA63J-391X	MG R	390Ω 1/16W J
	R0120	NRSA63J-391X	MG R	390Ω 1/16W J
	R0123	NRSA63J-104X	MG R	100kΩ 1/16W J
	R0124	NRSA63J-101X	MG R	100Ω 1/16W J
	R0125	NRSA63J-101X	MG R	100Ω 1/16W J
	R0126	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0127	NRSA63J-101X	MG R	100Ω 1/16W J
	R0128	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0129	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0130	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0131	NRSA63J-273X	MG R	27kΩ 1/16W J
	R0132	NRSA63J-153X	MG R	15kΩ 1/16W J
	R0133	NRSA63J-222X	MG R	2.2kΩ 1/16W J

⚠	Symbol No.	Part No.	Part Name	Description
RESISTOR				
	R0134	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0135	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0136	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0137	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0138	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0139	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0140	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0141	NRSA63J-153X	MG R	15kΩ 1/16W J
	R0142	NRSA63J-223X	MG R	22kΩ 1/16W J
	R0143	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0144	NRSA63J-273X	MG R	27kΩ 1/16W J
	R0146	NRSA63J-391X	MG R	390Ω 1/16W J
	R0148	NRSA63J-391X	MG R	390Ω 1/16W J
	R0151	NRSA63J-104X	MG R	100kΩ 1/16W J
	R0152	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0153	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0154	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0155	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0156	NRSA63J-101X	MG R	100Ω 1/16W J
	R0157	NRSA63J-101X	MG R	100Ω 1/16W J
	R0158	NRSA63J-101X	MG R	100Ω 1/16W J
	R0159	NRSA63J-101X	MG R	100Ω 1/16W J
	R0160	NRSA63J-101X	MG R	100Ω 1/16W J
	R0161	NRSA63J-101X	MG R	100Ω 1/16W J
	R0162	NRSA63J-101X	MG R	100Ω 1/16W J
	R0163	NRSA63J-101X	MG R	100Ω 1/16W J
	R0164	NRSA63J-101X	MG R	100Ω 1/16W J
	R0165	NRSA63J-101X	MG R	100Ω 1/16W J
	R0166	NRSA63J-101X	MG R	100Ω 1/16W J
	R0167	NRSA63J-101X	MG R	100Ω 1/16W J
	R0168	NRSA63J-101X	MG R	100Ω 1/16W J
	R0169	NRSA63J-101X	MG R	100Ω 1/16W J
	R0170	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0171	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0172	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0173	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0174	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0175	NRSA63J-153X	MG R	15kΩ 1/16W J
	R0176	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0177	NRSA63J-273X	MG R	27kΩ 1/16W J
	R0180	NRSA63J-101X	MG R	100Ω 1/16W J
	R0181	NRSA63J-101X	MG R	100Ω 1/16W J
	R0182	NRSA63J-101X	MG R	100Ω 1/16W J
	R0183	NRSA63J-101X	MG R	100Ω 1/16W J
	R0184	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0185	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0186	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0188	NRSA63J-101X	MG R	100Ω 1/16W J
	R0189	NRSA63J-221X	MG R	220Ω 1/16W J
	R0190	NRSA63J-221X	MG R	220Ω 1/16W J
	R0191	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R0192	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R0193	NRSA63J-102X	MG R	1kΩ 1/16W J
	R0194	NRSA63J-102X	MG R	1kΩ 1/16W J
	R0195	QRG01GJ-101	OM R	100Ω 1W J
	R0197	QRK126J-181X	C R	180Ω 1/2W J
	R0198	NRSA63J-750X	MG R	75Ω 1/16W J
	R0199	NRSA63J-101X	MG R	100Ω 1/16W J
	R0202	QRK126J-151X	C R	150Ω 1/2W J
	R0203	NRSA63J-750X	MG R	75Ω 1/16W J
	R0204	NRSA63J-750X	MG R	75Ω 1/16W J
	R0205	NRSA63J-750X	MG R	75Ω 1/16W J
	R0207	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0208	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0209	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0210	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0211	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0212	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0606	QRG01GJ-181	OM R	180Ω 1W J
	R0628	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R0629	NRSA63J-101X	MG R	100Ω 1/16W J
	R0630	NRSA63J-101X	MG R	100Ω 1/16W J
	R0631	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0632	NRSA63J-223X	MG R	22kΩ 1/16W J
	R0633	NRSA63J-272X	MG R	2.7kΩ 1/16W J
	R0634	NRSA63J-223X	MG R	22kΩ 1/16W J
	R0635	NRSA63J-272X	MG R	2.7kΩ 1/16W J

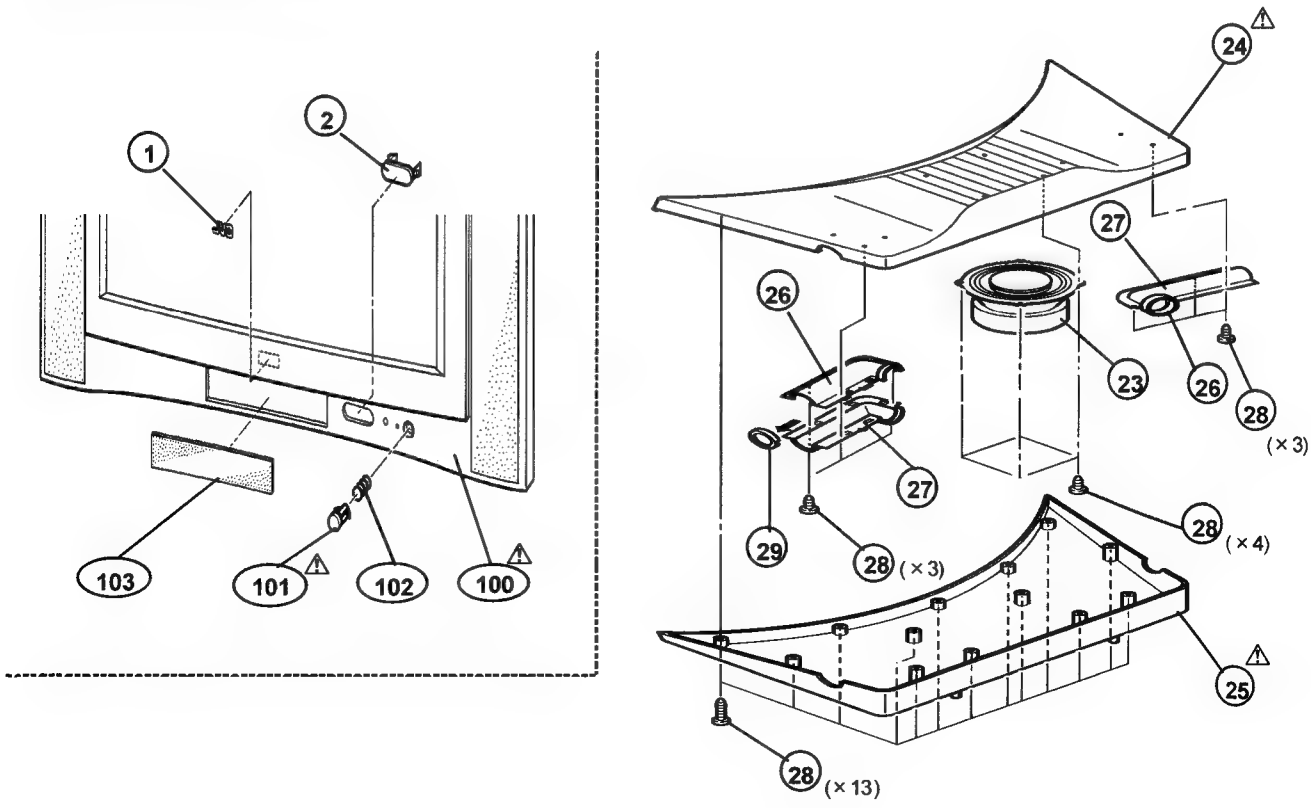
⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R0636	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R0638	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R0639	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0647	NRSA63J-101X	MG R	100Ω 1/16W J
	R0648	NRSA63J-101X	MG R	100Ω 1/16W J
	CAPACITOR			
	C0101	NCB31HK-152X	C CAP.	1500pF 50V K
	C0102	QETN1CM-477Z	E CAP.	470μF 16V M
	C0103	QETN1HM-106Z	E CAP.	10μF 50V M
	C0104	QETN1HM-106Z	E CAP.	10μF 50V M
	C0105	QETN1HM-106Z	E CAP.	10μF 50V M
	C0106	NCB31HK-472X	C CAP.	4700pF 50V K
	C0107	NCB31HK-152X	C CAP.	1500pF 50V K
	C0108	NCB31HK-472X	C CAP.	4700pF 50V K
	C0109	NCB31HK-152X	C CAP.	1500pF 50V K
	C0110	QETN1CM-477Z	E CAP.	470μF 16V M
	C0111	NCB31HK-472X	C CAP.	4700pF 50V K
	C0112	NCB31HK-472X	C CAP.	4700pF 50V K
	C0113	NCB31HK-152X	C CAP.	1500pF 50V K
	C0114	NCB31HK-472X	C CAP.	4700pF 50V K
	C0115	NCB31HK-472X	C CAP.	4700pF 50V K
	C0116	QETN1HM-106Z	E CAP.	10μF 50V M
	C0117	QETN1HM-106Z	E CAP.	10μF 50V M
	C0118	NCB31HK-102X	C CAP.	1000pF 50V K
	C0119	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C0120	QETN1HM-106Z	E CAP.	10μF 50V M
	C0121	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C0122	NCB31HK-103X	C CAP.	0.01μF 50V K
	C0123	NCB31HK-102X	C CAP.	1000pF 50V K
	C0124	QETN1HM-106Z	E CAP.	10μF 50V M
	C0125	QETN1HM-106Z	E CAP.	10μF 50V M
	C0126	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C0127	QETN1HM-106Z	E CAP.	10μF 50V M
	C0128	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C0129	QETN1HM-106Z	E CAP.	10μF 50V M
	C0130	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C0131	NCB31HK-102X	C CAP.	1000pF 50V K
	C0132	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C0133	NCB31HK-103X	C CAP.	0.01μF 50V K
	C0136	QETN1HM-106Z	E CAP.	10μF 50V M
	C0137	QENC1EM-106Z	BP E CAP.	10μF 25V M
	C0139	QENC1EM-106Z	BP E CAP.	10μF 25V M
	C0140	QETN1CM-107Z	E CAP.	100μF 16V M
	C0141	NCB31HK-103X	C CAP.	0.01μF 50V K
	C0142	NCF31AZ-105X	C CAP.	1μF 10V Z
	C0143	QENC1EM-106Z	BP E CAP.	10μF 25V M
	C0144	NCF31AZ-105X	C CAP.	1μF 10V Z
	C0145	QETN1CM-107Z	E CAP.	100μF 16V M
	C0146	QETN1CM-107Z	E CAP.	100μF 16V M
	C0147	QETN1CM-477Z	E CAP.	470μF 16V M
	C0149	NCB31HK-103X	C CAP.	0.01μF 50V K
	C0150	QETN1HM-106Z	E CAP.	10μF 50V M
	C0151	QETN1HM-106Z	E CAP.	10μF 50V M
	C0152	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C0153	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C0154	NDC31HJ-680X	C CAP.	68pF 50V J
	C0155	NDC31HJ-680X	C CAP.	68pF 50V J
	C0157	NDC31HJ-680X	C CAP.	68pF 50V J
	C0158	NDC31HJ-680X	C CAP.	68pF 50V J
	C0616	QETN1CM-107Z	E CAP.	100μF 16V M
	C0617	NCB31CK-104X	C CAP.	0.1μF 16V K
	C0618	QETN1HM-106Z	E CAP.	10μF 50V M
	C0619	NCB31CK-104X	C CAP.	0.1μF 16V K
	C0620	QETN1HM-106Z	E CAP.	10μF 50V M
	C0621	NCF21CZ-105X	C CAP.	1μF 16V Z
	C0622	NCF21CZ-105X	C CAP.	1μF 16V Z
	C0623	NCB31CK-104X	C CAP.	0.1μF 16V K
	C0624	QETN1HM-106Z	E CAP.	10μF 50V M
	C0629	QETN1HM-106Z	E CAP.	10μF 50V M
	C0630	NCB31HK-102X	C CAP.	1000pF 50V K
	C0631	NCB31HK-102X	C CAP.	1000pF 50V K
	C0632	NCB31CK-104X	C CAP.	0.1μF 16V K
	C0633	QETN1HM-106Z	E CAP.	10μF 50V M
	C0634	NCB31HK-103X	C CAP.	0.01μF 50V K
	C0635	NCB31HK-103X	C CAP.	0.01μF 50V K
	C0636	NDC31HJ-2R0X	C CAP.	2.0pF 50V J
	C0642	NDC31HJ-2R0X	C CAP.	2.0pF 50V J

⚠	Symbol No.	Part No.	Part Name	Description
	CAPACITOR			
	C0645	NCB31HK-103X	C CAP.	0.01μF 50V K
	C0646	NCB31CK-104X	C CAP.	0.1μF 16V K
	C0647	QETN1CM-107Z	E CAP.	100μF 16V M
	C0648	NCB31CK-104X	C CAP.	0.1μF 16V K
	C0649	QETN1CM-107Z	E CAP.	100μF 16V M
	C0650	NDC31HJ-221X	C CAP.	220pF 50V J
	C0651	NCB31HK-562X	C CAP.	5600pF 50V K
	C0652	QETN1EM-476Z	E CAP.	47μF 25V M
	C0653	NDC31HJ-221X	C CAP.	220pF 50V J
	C0654	NCB31HK-562X	C CAP.	5600pF 50V K
	C0659	NCF21CZ-105X	C CAP.	1μF 16V Z
	C0660	NCF21CZ-105X	C CAP.	1μF 16V Z
	C0677	NCB31HK-102X	C CAP.	1000pF 50V K
	C0678	NCB31HK-102X	C CAP.	1000pF 50V K
	COIL			
	L0114	QQR0716-001Z	FERRITE BEADS	
	L0603	QRN143J-0R0X	C R	0.0Ω 1/4W J
	L0605	QQL244K-4R7Z	COIL	4.7μH K
	DIODE			
	D0101	MA3120/M/-X	Z DIODE	
	D0102	MA3120/M/-X	Z DIODE	
	D0103	MA3120/M/-X	Z DIODE	
	D0104	MA3120/M/-X	Z DIODE	
	D0105	MA3120/M/-X	Z DIODE	
	D0106	MA3120/M/-X	Z DIODE	
	D0107	MA3120/M/-X	Z DIODE	
	D0108	MA3120/M/-X	Z DIODE	
	D0109	MA3120/M/-X	Z DIODE	
	D0110	MA3120/M/-X	Z DIODE	
	D0111	MA3120/M/-X	Z DIODE	
	D0112	MA3120/M/-X	Z DIODE	
	D0113	MA3120/M/-X	Z DIODE	
	D0601	RD8.2E/B2/-T2	Z DIODE	
	TRANSISTOR			
	Q0101	DTC323TK-X	DIGI TRANSISTOR	
	Q0102	2SA1037AK/QR/-X	TRANSISTOR	
	Q0103	DTC323TK-X	DIGI TRANSISTOR	
	Q0104	2SC2412K/QR/-X	TRANSISTOR	
	Q0105	2SC2412K/QR/-X	TRANSISTOR	
	Q0106	2SC2412K/QR/-X	TRANSISTOR	
	Q0107	2SC2412K/QR/-X	TRANSISTOR	
	Q0108	2SA1037AK/QR/-X	TRANSISTOR	
	Q0109	DTC323TK-X	DIGI TRANSISTOR	
	Q0110	DTC323TK-X	DIGI TRANSISTOR	
	Q0111	2SC2412K/QR/-X	TRANSISTOR	
	Q0112	2SC2412K/QR/-X	TRANSISTOR	
	Q0116	2SA933AS/QR/-T	TRANSISTOR	
	Q0118	2SC1740S/QR/-T	TRANSISTOR	
	Q0119	2SC2412K/QR/-X	TRANSISTOR	
	Q0120	2SC2412K/QR/-X	TRANSISTOR	
	IC			
	IC0101	CXA2089Q-X	IC	
	IC0603	MSP3415DQGB3GHX	IC	
	IC0604	BA4558F-X	IC	
	OTHERS			
	CN0006	QGB1505K1-50	B TO B CONNE	
	J0001	QNZ0465-001	21P CONNECTOR	
	J0002	QNZ0463-001	21P CONNECTOR	
	K0101	CE42681-001Y	CHIP BEADS CORE	
	K0102	CE42681-001Y	CHIP BEADS CORE	
	K0103	CE42681-001Y	CHIP BEADS CORE	
	K0104	CE42681-001Y	CHIP BEADS CORE	
	K0601	NQR0389-003X	FERRITE BEADS	
	K0602	NQR0389-003X	FERRITE BEADS	
	LC0601	NQR0431-001X	EMI FILTER	
	X0601	CE42546-001Z	X TAL	

EXPLODED VIEW PARTS LIST (1)

⚠	Ref.No.	Part No.	Part Name	Description
AV32R25EKS				
	1	LC41250-002C-C	JVC MARK	
	2	LC31851-001A-C	WINDOW	
⚠	100	LC11360-001B-U	F CABI ASSY	Inc.No.101～103
⚠	101	LC31201-003A-U	POWER KNOB	(SERVICE)
	102	AEM3149-001-E	SPRING	
	103	LC21031-001A-U	SPEAKER PANEL	
	23	QASS0092-001	SPEAKER	SP04
⚠	24	LC11308-001A-U	SP BOX T	
⚠	25	LC11309-001A-U	SP BOX B	
	26	GG20007-002C-H	BASS INT.DUCT L	(x2)
	27	GG20007-001C-H	BASS INT.DUCT R	(x2)
	28	QYSBSAG4016N	TAP SCREW	(x23)
	29	LC31935-001A-C	PORT SPACER	(x2)
AV32R250EKS				
	1	LC41250-001A-C	JVC MARK	
	2	LC31851-001A-C	WINDOW	
⚠	100	LC11360-001A-U	F CABI ASSY	Inc.No.101～103
⚠	101	LC31201-003A-U	POWER KNOB	(SERVICE)
	102	AEM3149-001-E	SPRING	
	103	LC21031-001A-U	SPEAKER PANEL	
	23	QASS0092-001	SPEAKER	SP04
⚠	24	LC11308-001A-U	SP BOX T	
⚠	25	LC11309-001A-U	SP BOX B	
	26	GG20007-002C-H	BASS INT.DUCT L	(x2)
	27	GG20007-001C-H	BASS INT.DUCT R	(x2)
	28	QYSBSAG4016N	TAP SCREW	(x23)
	29	LC31935-001A-C	PORT SPACER	(x2)

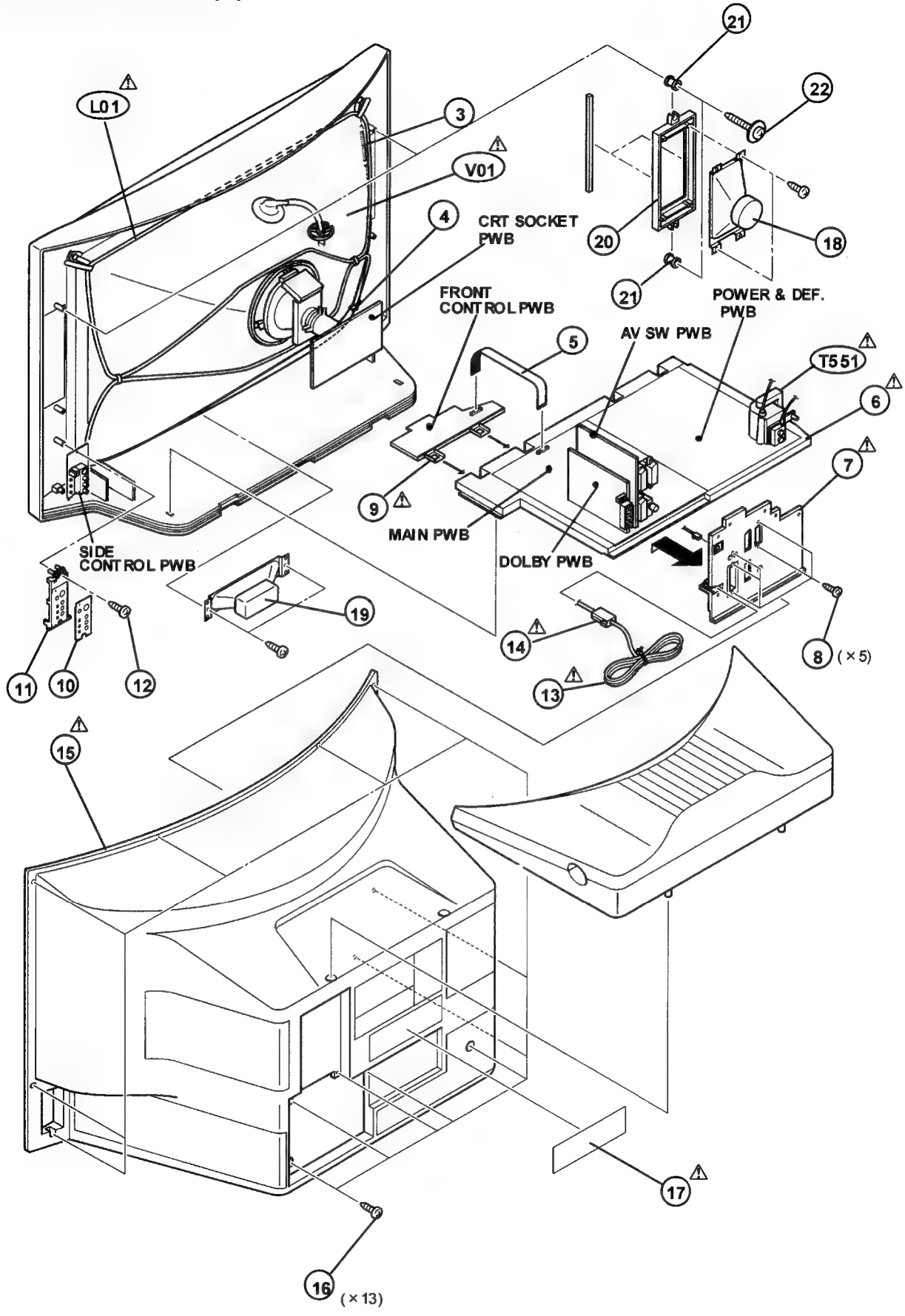
EXPLODED VIEW (1)



EXPLODED VIEW PARTS LIST (2)

⚠	Ref.No.	Part No.	Part Name	Description
AV32R25EKS				
⚠	V01	W76QDD257X08	ITC	Inc. DY, PC MAGNET, WEDGE
⚠	L01	QQW0105-001	DEG COIL	
⚠	T551	QQH0130-001	FBT	
	3	WJY0001-010A	E-BRAIDED ASSY	
	4	WJY0013-002A	E-BRAIDED SUB ASSY	
	5	CHFD119-14BD-N	FFC WIRE	CN-1
⚠	6	LC10716-002F-U	CHASSIS BASE	
⚠	7	LC11336-001B-U	AV BOARD	
	8	QYSBSF3012M	TAP SCREW	(x5)
⚠	9	LC11311-002A-U	CONTROL BASE	
	10	LC31205-001B	CONTROL SHEET	
	11	LC10856-001C-U	SIDE CONT BASE	
	12	QYSBSAG4016N	TAP SCREW	
⚠	13	QMPN130-185-JC	POWER CORD	CN-PW
⚠	14	CM46618-A01-E	POWER CORD CLMP	
⚠	15	LC11316-001A-U	REAR COVER	
	16	QYSBSAG4016N	TAP SCREW	(x13)
⚠	17	LC11364-002A-U	RATING LABEL	
	18	QAS0109-001	SPEAKER	SP01-02(x2)
	19	QAS0110-001	SPEAKER	SP03
	20	LC11310-001A-U	SPEAKER ADAPTER	(x2)
	21	LC40226-003A-H	SPACER	(x4)
	22	LC40506-001A	TAP SCREW	(x4)
AV32R250EKS				
⚠	V01	W76QDD257X08	ITC	Inc. DY, PC MAGNET, WEDGE
⚠	L01	QQW0105-001	DEG COIL	
⚠	T551	QQH0130-001	FBT	
	3	WJY0001-010A	E-BRAIDED ASSY	
	4	WJY0013-002A	E-BRAIDED SUB ASSY	
	5	QUQ212-1920CL	FFC WIRE	CN-1
⚠	6	LC10716-002F-U	CHASSIS BASE	
⚠	7	LC11336-001B-U	AV BOARD	
	8	QYSBSF3012M	TAP SCREW	(x5)
⚠	9	LC11311-002A-U	CONTROL BASE	
	10	LC31205-001B	CONTROL SHEET	
	11	LC10856-001C-U	SIDE CONT BASE	
	12	QYSBSAG4016N	TAP SCREW	
⚠	13	QMPN130-185-JC	POWER CORD	CN-PW
⚠	14	CM46618-A01-E	POWER CORD CLMP	
⚠	15	LC11316-001A-U	REAR COVER	
	16	QYSBSAG4016N	TAP SCREW	(x13)
⚠	17	LC11364-015A-U	RATING LABEL	
	18	QAS0109-001	SPEAKER	SP01-02(x2)
	19	QAS0110-001	SPEAKER	SP03
	20	LC11310-001A-U	SPEAKER ADAPTER	(x2)
	21	LC40226-003A-H	SPACER	(x4)
	22	LC40506-001A	TAP SCREW	(x4)

EXPLODED VIEW (2)



AV32R25EKS / AV32R250EKS

PRINTED WIRING BOARD PARTS LIST

■MAIN P.W. BOARD ASS'Y (SJL-1008A-U2)

⚠	Symbol No.	Part No.	Part Name	Description	
	RESISTOR				
	R002	NRSA63J-101X	MG R	100Ω 1/16W	J
	R003	NRSA63J-101X	MG R	100Ω 1/16W	J
	R006	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R007	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R008	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R011	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R304	QRG01GJ-121	OM R	120Ω 1W	J
	R305	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R306	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R307	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R308	NRSA63J-471X	MG R	470Ω 1/16W	J
	R309	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R310	NRSA63J-391X	MG R	390Ω 1/16W	J
	R311	NRSA63J-391X	MG R	390Ω 1/16W	J
	R312	NRSA63J-101X	MG R	100Ω 1/16W	J
	R313	NRSA63J-101X	MG R	100Ω 1/16W	J
	R314	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R316	NRSA63J-224X	MG R	220kΩ 1/16W	J
	R317	NRSA63J-101X	MG R	100Ω 1/16W	J
	R321	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R327	NRSA63J-471X	MG R	470Ω 1/16W	J
	R330	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R331	NRSA63J-152X	MG R	1.5kΩ 1/16W	J
	R332	NRSA63J-332X	MG R	3.3kΩ 1/16W	J
	R333	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R335	NRSA63J-273X	MG R	27kΩ 1/16W	J
	R336	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R337	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R340	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R341	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R342	NRSA63J-152X	MG R	1.5kΩ 1/16W	J
	R344	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R345	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R346	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R401	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R402	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R403	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R404	NRSA63J-183X	MG R	18kΩ 1/16W	J
	R405	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R409	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R411	NRSA63D-473X	MG R	47kΩ 1/16W	D
	R413	NRSA63D-223X	MG R	22kΩ 1/16W	D
	R414	NRSA63D-101X	MG R	100Ω 1/16W	D
	R415	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R416	NRSA63J-101X	MG R	100Ω 1/16W	J
	R417	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R418	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R419	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R420	NRSA63J-123X	MG R	12kΩ 1/16W	J
	R502	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R503	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R504	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R505	NRSA63J-221X	MG R	220Ω 1/16W	J
	R506	NRSA63J-221X	MG R	220Ω 1/16W	J
	R507	NRSA63J-102X	MG R	1kΩ 1/16W	J
	R508	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R509	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R511	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R514	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R516	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R517	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R518	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R519	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R520	NRSA63J-152X	MG R	1.5kΩ 1/16W	J
	R551	QRK126J-100X	C R	10Ω 1/2W	J
	R552	NRSA63J-124X	MG R	120kΩ 1/16W	J
	R553	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R554	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R555	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R556	NRSA63J-154X	MG R	150kΩ 1/16W	J
	R557	NRSA63J-562X	MG R	5.6kΩ 1/16W	J
	R558	NRSA63J-562X	MG R	5.6kΩ 1/16W	J

⚠	Symbol No.	Part No.	Part Name	Description	
	RESISTOR				
	R560	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R561	QRE121J-100Y	C R	10Ω 1/2W	J
	R571	NRSA63J-101X	MG R	100Ω 1/16W	J
	R572	NRSA63J-223X	MG R	22kΩ 1/16W	J
	R573	NRSA63J-821X	MG R	820Ω 1/16W	J
	R574	NRSA63J-333X	MG R	33kΩ 1/16W	J
	R601	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R603	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R605	NRSA63J-0R0X	MG R	0.0Ω 1/16W	J
	R607	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R608	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R609	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R613	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R617	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R618	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R619	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R620	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R621	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R622	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R623	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R624	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R625	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R626	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R627	NRSA63J-272X	MG R	2.7kΩ 1/16W	J
	R628	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R629	NRSA63J-682X	MG R	6.8kΩ 1/16W	J
	R630	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R631	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R632	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R633	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R637	NRSA63J-104X	MG R	100kΩ 1/16W	J
	R638	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R639	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R640	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R641	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R642	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R643	NRSA63J-822X	MG R	8.2kΩ 1/16W	J
	R644	NRSA63J-153X	MG R	15kΩ 1/16W	J
	R645	NRSA63J-222X	MG R	2.2kΩ 1/16W	J
	R646	NRSA63J-273X	MG R	27kΩ 1/16W	J
	R647	NRSA63J-473X	MG R	47kΩ 1/16W	J
	R648	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R702	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R704	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R705	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R707	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R708	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R709	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R710	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R712	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R713	NRSA63J-103X	MG R	10kΩ 1/16W	J
	R714	NRSA63J-101X	MG R	100Ω 1/16W	J
	R715	NRSA63J-101X	MG R	100Ω 1/16W	J
	R716	NRSA63J-101X	MG R	100Ω 1/16W	J
	R717	NRSA63J-101X	MG R	100Ω 1/16W	J
	R718	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R719	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R720	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R721	NRSA63J-221X	MG R	220Ω 1/16W	J
	R722	NRSA63J-221X	MG R	220Ω 1/16W	J
	R723	NRSA63J-221X	MG R	220Ω 1/16W	J
	R724	NRSA63J-221X	MG R	220Ω 1/16W	J
	R725	NRSA63J-221X	MG R	220Ω 1/16W	J
	R726	NRSA63J-683X	MG R	68kΩ 1/16W	J
	R728	NRSA63J-101X	MG R	100Ω 1/16W	J
	R729	NRSA63J-101X	MG R	100Ω 1/16W	J
	R730	NRSA63J-183X	MG R	18kΩ 1/16W	J
	R731	NRSA63J-183X	MG R	18kΩ 1/16W	J
	R732	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R733	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R734	NRSA63J-472X	MG R	4.7kΩ 1/16W	J
	R735	NRSA63J-223X	MG R	22kΩ 1/16W	J

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R736	NRSA63J-223X	MG R	22kΩ 1/16W J
	R737	NRSA63J-103X	MG R	10kΩ 1/16W J
	R738	NRSA63J-103X	MG R	10kΩ 1/16W J
	R739	NRSA63J-473X	MG R	47kΩ 1/16W J
	R740	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R741	NRSA63J-101X	MG R	100Ω 1/16W J
	R742	NRSA63J-223X	MG R	22kΩ 1/16W J
	R743	NRSA63J-391X	MG R	390Ω 1/16W J
	R744	NRSA63J-471X	MG R	470Ω 1/16W J
	R745	NRSA63J-182X	MG R	1.8kΩ 1/16W J
	R746	NRSA63J-473X	MG R	47kΩ 1/16W J
	R747	NRSA63J-682X	MG R	6.8kΩ 1/16W J
	R748	NRSA63J-153X	MG R	15kΩ 1/16W J
	R749	NRSA63J-223X	MG R	22kΩ 1/16W J
	R750	NRSA63J-473X	MG R	47kΩ 1/16W J
	R751	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R752	NRSA63J-103X	MG R	10kΩ 1/16W J
	R753	NRSA63J-223X	MG R	22kΩ 1/16W J
	R757	NRSA63J-102X	MG R	1kΩ 1/16W J
	R758	NRSA63J-0ROX	MG R	0.0Ω 1/16W J
	R759	NRSA63J-0ROX	MG R	0.0Ω 1/16W J
	R760	NRSA63J-0ROX	MG R	0.0Ω 1/16W J
	R761	NRSA63J-473X	MG R	47kΩ 1/16W J
	R762	NRSA63J-473X	MG R	47kΩ 1/16W J
	R763	NRSA63J-823X	MG R	82kΩ 1/16W J
	R764	NRSA63J-104X	MG R	100kΩ 1/16W J
	R765	NRSA63J-103X	MG R	10kΩ 1/16W J
	R766	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R767	NRSA63J-103X	MG R	10kΩ 1/16W J
	R768	NRSA63J-0ROX	MG R	0.0Ω 1/16W J
	R769	NRSA63J-183X	MG R	18kΩ 1/16W J
	R771	NRSA63J-102X	MG R	1kΩ 1/16W J
	R772	NRSA63J-104X	MG R	100kΩ 1/16W J
	R773	NRSA63J-221X	MG R	220Ω 1/16W J
	R774	NRSA63J-473X	MG R	47kΩ 1/16W J
	R775	NRSA63J-102X	MG R	1kΩ 1/16W J
	R776	NRSA63J-473X	MG R	47kΩ 1/16W J
	R777	NRSA63J-102X	MG R	1kΩ 1/16W J
	R778	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R779	NRSA63J-273X	MG R	27kΩ 1/16W J
	R780	NRSA63J-103X	MG R	10kΩ 1/16W J
	R781	NRSA63J-103X	MG R	10kΩ 1/16W J
	R782	NRSA63J-103X	MG R	10kΩ 1/16W J
	R783	NRSA63J-103X	MG R	10kΩ 1/16W J
	R784	NRSA63J-333X	MG R	33kΩ 1/16W J
	R785	NRSA63J-184X	MG R	180kΩ 1/16W J
	R787	NRSA63J-333X	MG R	33kΩ 1/16W J
	R788	NRSA63J-332X	MG R	3.3kΩ 1/16W J
	R789	NRSA63J-103X	MG R	10kΩ 1/16W J
	R790	NRSA63J-102X	MG R	1kΩ 1/16W J
	R791	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R792	NRSA63J-103X	MG R	10kΩ 1/16W J
	R793	NRSA63J-102X	MG R	1kΩ 1/16W J

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C001	NCB31HK-222X	C CAP.	2200pF 50V K
	C002	QETNLHM-106Z	E CAP.	10μF 50V M
	C004	NCB31CK-104X	C CAP.	0.1μF 16V K
	C005	QETNLCM-108Z	E CAP.	1000μF 16V M
	C006	NCB31HK-103X	C CAP.	0.01μF 50V K
	C007	QETNLHM-106Z	E CAP.	10μF 50V M
	C008	NCB31CK-104X	C CAP.	0.1μF 16V K
	C009	QETNLHM-106Z	E CAP.	10μF 50V M
	C011	QETNLHM-106Z	E CAP.	10μF 50V M
	C012	NCB31HK-103X	C CAP.	0.01μF 50V K
	C013	NCB31HK-103X	C CAP.	0.01μF 50V K
	C301	NCB31CK-104X	C CAP.	0.1μF 16V K
	C302	NCB31CK-683X	C CAP.	0.068μF 16V K
	C303	QETNLEM-476Z	E CAP.	47μF 25V M
	C304	NCB31HK-103X	C CAP.	0.01μF 50V K
	C305	QETNLCM-107Z	E CAP.	100μF 16V M
	C306	NCB31HK-103X	C CAP.	0.01μF 50V K
	C307	QETNLCM-477Z	E CAP.	470μF 16V M
	C308	NDC31HJ-120X	C CAP.	12pF 50V J
	C309	QETNLHM-475Z	E CAP.	4.7μF 50V M
	C310	NCB31HK-103X	C CAP.	0.01μF 50V K
	C311	QETNLHM-106Z	E CAP.	10μF 50V M

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C312	NDC31HJ-680X	C CAP.	68pF 50V J
	C313	QETNLCM-107Z	E CAP.	100μF 16V M
	C314	NCB31HK-103X	C CAP.	0.01μF 50V K
	C315	QETNLHM-106Z	E CAP.	10μF 50V M
	C319	QETNLCM-107Z	E CAP.	100μF 16V M
	C320	NCB31HK-103X	C CAP.	0.01μF 50V K
	C321	NCB31CK-104X	C CAP.	0.1μF 16V K
	C322	NCB31CK-104X	C CAP.	0.1μF 16V K
	C323	NCB31CK-104X	C CAP.	0.1μF 16V K
	C324	QETNLHM-105Z	E CAP.	1.0μF 50V M
	C325	QETNLHM-105Z	E CAP.	1.0μF 50V M
	C326	QETNLHM-105Z	E CAP.	1.0μF 50V M
	C327	QETNLHM-475Z	E CAP.	4.7μF 50V M
	C328	QETNLEM-476Z	E CAP.	47μF 25V M
	C329	NDC31HJ-390X	C CAP.	39pF 50V J
	C330	NDC31HJ-390X	C CAP.	39pF 50V J
	C331	QETNLHM-105Z	E CAP.	1.0μF 50V M
	C332	NCB31HK-103X	C CAP.	0.01μF 50V K
	C333	NCB21EK-104X	C CAP.	0.1μF 25V K
	C334	QETNLHM-106Z	E CAP.	10μF 50V M
	C401	QETNLHM-105Z	E CAP.	1.0μF 50V M
	C403	NCB31HK-103X	C CAP.	0.01μF 50V K
	C404	NCB31HK-103X	C CAP.	0.01μF 50V K
	C405	NCB31HK-103X	C CAP.	0.01μF 50V K
	C406	QFVF1HJ-184Z	MF CAP.	0.18μF 50V J
	C407	QFVF1HJ-824Z	MF CAP.	0.82μF 50V J
	C408	NCB31HK-153X	C CAP.	0.015μF 50V K
	C501	QETNLCM-107Z	E CAP.	100μF 16V M
	C502	NCB31HK-103X	C CAP.	0.01μF 50V K
	C503	NCB31HK-103X	C CAP.	0.01μF 50V K
	C504	NCB31HK-103X	C CAP.	0.01μF 50V K
	C505	NCB31HK-332X	C CAP.	3300pF 50V K
	C506	QETNLHM-335Z	E CAP.	3.3μF 50V M
	C507	NCB31HK-103X	C CAP.	0.01μF 50V K
	C508	QETNLCM-108Z	E CAP.	1000μF 16V M
	C509	QFLC1HJ-823Z	M CAP.	0.082μF 50V J
	C510	NCB31HK-103X	C CAP.	0.01μF 50V K
	C511	NCB31HK-103X	C CAP.	0.01μF 50V K
	C512	QTMNLHM-105Z	E CAP.	1.0μF 50V M
	C513	QETNLCM-228Z	E CAP.	2200μF 16V M
	C514	NCB31HK-103X	C CAP.	0.01μF 50V K
	C515	QFVF1HJ-394Z	MF CAP.	0.39μF 50V J
	C516	NCB31HK-103X	C CAP.	0.01μF 50V K
	C551	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C552	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C553	QETNLEM-476Z	E CAP.	47μF 25V M
	C554	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C555	NCF31CZ-224X	C CAP.	0.22μF 16V Z
	C571	NCB31HK-103X	C CAP.	0.01μF 50V K
	C601	QETNLHM-106Z	E CAP.	10μF 50V M
	C602	QETNLHM-106Z	E CAP.	10μF 50V M
	C603	QETNLHM-106Z	E CAP.	10μF 50V M
	C604	QETNLHM-107Z	E CAP.	100μF 50V M
	C611	QETNLEM-108Z	E CAP.	1000μF 25V M
	C612	QETNLEM-108Z	E CAP.	1000μF 25V M
	C613	QETNLEM-108Z	E CAP.	1000μF 25V M
	C614	QETNLHM-106Z	E CAP.	10μF 50V M
	C615	QETNLHM-106Z	E CAP.	10μF 50V M
	C616	QETNLHM-106Z	E CAP.	10μF 50V M
	C617	QETNLHM-106Z	E CAP.	10μF 50V M
	C618	QETNLHM-106Z	E CAP.	10μF 50V M
	C619	QETNLHM-106Z	E CAP.	10μF 50V M
	C620	QETNLHM-107Z	E CAP.	100μF 50V M
	C621	QETMLVM-228	E CAP.	2200μF 35V M
	C628	QETNLEM-108Z	E CAP.	1000μF 25V M
	C629	QETMLEM-338	E CAP.	3300μF 25V M
	C630	QETNLEM-108Z	E CAP.	1000μF 25V M
	C631	QETNLHM-106Z	E CAP.	10μF 50V M
	C632	QETNLHM-106Z	E CAP.	10μF 50V M
	C633	QETNLHM-106Z	E CAP.	10μF 50V M
	C634	QETNLCM-227Z	E CAP.	220μF 16V M
	C636	QETMLVM-228	E CAP.	2200μF 35V M
	C637	QETNLCM-227Z	E CAP.	220μF 16V M
	C675	QETNLCM-107Z	E CAP.	100μF 16V M
	C676	NCB31CK-104X	C CAP.	0.1μF 16V K
	C677	NCB31CK-104X	C CAP.	0.1μF 16V K
	C702	NCB31HK-103X	C CAP.	0.01μF 50V K
	C703	QETNLVM-477Z	E CAP.	470μF 35V M

⚠	Symbol No.	Part No.	Part Name	Description
CAPACITOR				
	C704	NCB31CK-104X	C CAP.	0.1μF 16V K
	C705	NCB31CK-104X	C CAP.	0.1μF 16V K
	C706	QETN1AM-227Z	E CAP.	220μF 10V M
	C707	NCB31CK-104X	C CAP.	0.1μF 16V K
	C708	QETN1AM-107Z	E CAP.	100μF 10V M
	C709	NCB31CK-104X	C CAP.	0.1μF 16V K
	C710	QETN1AM-107Z	E CAP.	100μF 10V M
	C711	QETN1AM-227Z	E CAP.	220μF 10V M
	C712	QETN1AM-227Z	E CAP.	220μF 10V M
	C713	NCB31CK-104X	C CAP.	0.1μF 16V K
	C714	NCB31CK-104X	C CAP.	0.1μF 16V K
	C715	NDC31HJ-561X	C CAP.	560pF 50V J
	C716	NCB31CK-104X	C CAP.	0.1μF 16V K
	C717	NCB31CK-104X	C CAP.	0.1μF 16V K
	C718	QENC1EM-106Z	BP E CAP.	10μF 25V M
	C721	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C722	QETN1HM-106Z	E CAP.	10μF 50V M
	C723	QETN1HM-106Z	E CAP.	10μF 50V M
	C724	QETN1HM-106Z	E CAP.	10μF 50V M
	C725	NCB31CK-104X	C CAP.	0.1μF 16V K
	C726	NCB31CK-104X	C CAP.	0.1μF 16V K
	C727	NCB31CK-104X	C CAP.	0.1μF 16V K
	C728	NCB31CK-104X	C CAP.	0.1μF 16V K
	C729	NCB31EK-333X	C CAP.	0.033μF 25V K
	C730	NDC31HJ-151X	C CAP.	150pF 50V J
	C732	NDC31HJ-330X	C CAP.	33pF 50V J
	C733	NDC31HJ-390X	C CAP.	39pF 50V J
	C734	NCB31CK-104X	C CAP.	0.1μF 16V K
	C735	NCB31EK-333X	C CAP.	0.033μF 25V K
	C736	NCB31HK-102X	C CAP.	1000pF 50V K
	C737	NCB31CK-104X	C CAP.	0.1μF 16V K
	C738	NDC31HJ-151X	C CAP.	150pF 50V J
	C739	NCF31AZ-105X	C CAP.	1μF 10V Z
	C740	NDC31HJ-561X	C CAP.	560pF 50V J
	C741	QETN1HM-105Z	E CAP.	1.0μF 50V M
	C742	QETN1HM-105Z	E CAP.	1.0μF 50V M
COIL				
	L001	QQL244K-270Z	INDUCTOR	
	L002	QQL244K-100Z	COIL	10μH K
	L003	QQL244K-100Z	COIL	10μH K
	L301	QQL244K-4R7Z	COIL	4.7μH K
	L302	QQL244K-4R7Z	COIL	4.7μH K
	L305	QQL244K-4R7Z	COIL	4.7μH K
	L306	QQL244K-330Z	COIL	33μH K
	L501	QQL244J-151Z	INDUCTOR	
	L701	QQL244K-4R7Z	COIL	4.7μH K
	L702	QQL244K-4R7Z	COIL	4.7μH K
	L703	QQL244K-4R7Z	COIL	4.7μH K
	L704	QQL244K-4R7Z	COIL	4.7μH K
	L705	QQL244K-4R7Z	COIL	4.7μH K
	L706	QQL244K-4R7Z	COIL	4.7μH K
	L707	QQL244K-8R2Z	COIL	8.2μH K
	L708	QQL244K-4R7Z	COIL	4.7μH K
DIODE				
	D301	MA3051/M/-X	Z DIODE	
	D302	MA111-X	SI DIODE	
	D303	MA111-X	SI DIODE	
	D304	MA111-X	SI DIODE	
	D503	AK04-T2	SB DIODE	
	D601	MA3330/L/-X	Z DIODE	
	D602	MA3330/L/-X	Z DIODE	
	D603	MA3330/L/-X	Z DIODE	
	D604	MA111-X	SI DIODE	
	D605	MA111-X	SI DIODE	
	D606	MA111-X	SI DIODE	
	D607	MA111-X	SI DIODE	
	D608	MA111-X	SI DIODE	
	D609	MA111-X	SI DIODE	
	D610	MA111-X	SI DIODE	
	D611	MA3330/L/-X	Z DIODE	
	D612	MA3330/L/-X	Z DIODE	
	D613	MA3330/L/-X	Z DIODE	
	D614	MA111-X	SI DIODE	
	D615	MA111-X	SI DIODE	
	D616	MA111-X	SI DIODE	
	D619	MA111-X	SI DIODE	
	D620	MA111-X	SI DIODE	
	D621	MA111-X	SI DIODE	

⚠	Symbol No.	Part No.	Part Name	Description
DIODE				
	D702	MA111-X	SI DIODE	
	D703	MA111-X	SI DIODE	
	D704	MA3068/M/-X	Z DIODE	
	D705	MA111-X	SI DIODE	
TRANSISTOR				
	Q002	2SC2412K/QR/-X	TRANSISTOR	
	Q301	2SA1037AK/QR/-X	TRANSISTOR	
	Q302	2SA1037AK/QR/-X	TRANSISTOR	
	Q308	DTC124EKA-X	DIGI TRANSISTOR	
	Q309	2SC2412K/QR/-X	TRANSISTOR	
	Q311	DTC124EKA-X	DIGI TRANSISTOR	
	Q312	2SA1037AK/QR/-X	TRANSISTOR	
	Q401	DTC124EKA-X	DIGI TRANSISTOR	
	Q402	2SC2412K/QR/-X	TRANSISTOR	
	Q601	2SA1037AK/QR/-X	TRANSISTOR	
	Q603	DTC124EKA-X	DIGI TRANSISTOR	
	Q605	DTC144EKA-X	DIGI TRANSISTOR	
	Q606	2SC2412K/QR/-X	TRANSISTOR	
	Q607	DTC144EKA-X	DIGI TRANSISTOR	
	Q608	DTC144EKA-X	DIGI TRANSISTOR	
	Q609	2SC2412K/QR/-X	TRANSISTOR	
	Q610	DTC124EKA-X	DIGI TRANSISTOR	
	Q611	2SA1037AK/QR/-X	TRANSISTOR	
	Q612	DTC124EKA-X	DIGI TRANSISTOR	
	Q613	DTC124EKA-X	DIGI TRANSISTOR	
	Q614	DTC124EKA-X	DIGI TRANSISTOR	
	Q615	DTC144EKA-X	DIGI TRANSISTOR	
	Q616	2SC2412K/QR/-X	TRANSISTOR	
	Q617	DTC144EKA-X	DIGI TRANSISTOR	
	Q618	2SC2412K/QR/-X	TRANSISTOR	
	Q619	DTC144EKA-X	DIGI TRANSISTOR	
	Q620	2SA1037AK/QR/-X	TRANSISTOR	
	Q701	DTC124EKA-X	DIGI TRANSISTOR	
	Q702	2SC2412K/QR/-X	TRANSISTOR	
	Q703	2SC2412K/QR/-X	TRANSISTOR	
	Q704	2SC2412K/QR/-X	TRANSISTOR	
	Q705	2SA1037AK/QR/-X	TRANSISTOR	
	Q706	2SC2412K/QR/-X	TRANSISTOR	
	Q707	2SA1037AK/QR/-X	TRANSISTOR	
	Q708	2SC2412K/QR/-X	TRANSISTOR	
	Q709	2SC2412K/QR/-X	TRANSISTOR	
	Q710	2SC2412K/QR/-X	TRANSISTOR	
	Q711	2SC2412K/QR/-X	TRANSISTOR	
	Q712	2SC2412K/QR/-X	TRANSISTOR	
	Q713	2SA1037AK/QR/-X	TRANSISTOR	
IC				
	IC301	TB1227CN	IC	
	IC302	AN5860	I C	
	IC501	AN5441SA-W	IC	
	IC551	LA6515	I C	
	IC601	AN7385	IC	
	IC602	AN7385	IC	
	IC671	BA05T	IC	
	IC701	SDA555XFL	IC(MICRO C ROM)	
	IC702	AT24C16-28R2SEK	IC	(SERVICE)
	IC703	JLC1562BF-X	I C	
	IC704	BA178M05T	IC	
	IC705	MM1478DF-X	IC	
	IC706	R1170H251B-X	IC	
OTHERS				
		CEMS009-052	IC SOCKET	
		CEMS007-008	IC SOCKET	
	CN001	QGF1220C2-19	FFC/FPC CONNE	
	CN003	QGB1506L1-16	B TO B CONNE	
	CN004	QGB1506L1-16	B TO B CONNE	
	CN005	QGB1506L1-16	B TO B CONNE	
	CN006	QGB1505J1-50	B TO B CONNE	
	CN008	QGAZ501C5-08Z	W TO B CONNE	
	CN012	QGB1505J1-40	B TO B CONNE	
	CN016	QGAZ501C5-05Z	W TO B CONNE	
	K307	QQR0621-002Z	FERRITE BEADS	
	LC301	CE42142-222Z	EMI FILTER	
	TU001	QAUQ277-001	TUNER	
	X301	QAX0805-001Z	CRYSTAL	
	X701	QAX0669-001Z	CRYSTAL	

■POWER & DEF. P.W. BOARD ASS'Y
(SJL-2004A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R401	QRE141J-682Y	C R	6.8kΩ 1/4W J
	R402	QRA14CF-6801Y	MF R	6.8kΩ 1/4W F
	R403	QRA14CF-3091Y	MF R	3.09kΩ 1/4W F
	R404	QRA14CF-8200Y	MF R	820Ω 1/4W F
	R405	QRA14CF-8200Y	MF R	820Ω 1/4W F
	R406	QRE141J-103Y	C R	10kΩ 1/4W J
	R407	QUY153-050Y	IM BUS WIRE	
	R409	QRE141J-103Y	C R	10kΩ 1/4W J
	R410	QRE141J-102Y	C R	1kΩ 1/4W J
	R414	QRE121J-4R7Y	C R	4.7Ω 1/2W J
	R415	QRX01GJ-1R8	MF R	1.8Ω 1W J
	R416	QRG01GJ-820	OM R	82Ω 1W J
	R417	QRE121J-1R0Y	C R	1.0Ω 1/2W J
	R461	QRE141J-331Y	C R	330Ω 1/4W J
	R463	QRE121J-392Y	C R	3.9kΩ 1/2W J
	R464	QRE121J-562Y	C R	5.6kΩ 1/2W J
	R465	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R466	QRE121J-102Y	C R	1kΩ 1/2W J
	R467	QRL039J-120	OM R	12Ω 3W J
	R468	QRE121J-472Y	C R	4.7kΩ 1/2W J
	R492	QRE141J-683Y	C R	68kΩ 1/4W J
	R493	QRE141J-224Y	C R	220kΩ 1/4W J
⚠	R494	QRZ9017-4R7	F R	4.7 Ω 1/4W J
	R495	QRE141J-103Y	C R	10kΩ 1/4W J
	R496	QRE141J-183Y	C R	18kΩ 1/4W J
	R497	QRE141J-153Y	C R	15kΩ 1/4W J
	R501	QRE141J-561Y	C R	560Ω 1/4W J
	R502	QRE141J-222Y	C R	2.2kΩ 1/4W J
	R503	QRE121J-152Y	C R	1.5kΩ 1/2W J
	R504	QRL039J-332	OM R	3.3kΩ 3W J
	R505	QRL039J-332	OM R	3.3kΩ 3W J
	R521	QRE121J-150Y	C R	15Ω 1/2W J
	R522	QRL039J-103	OM R	10kΩ 3W J
	R523	QRE121J-471Y	C R	470Ω 1/2W J
⚠	R524	QRZ9017-4R7	F R	4.7 Ω 1/4W J
	R525	QRE141J-152Y	C R	1.5kΩ 1/4W J
	R541	QRE121J-103Y	C R	10kΩ 1/2W J
	R542	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R543	QRE121J-124Y	C R	120kΩ 1/2W J
	R544	QRE121J-104Y	C R	100kΩ 1/2W J
	R545	QRE141J-123Y	C R	12kΩ 1/4W J
	R546	QRE121J-104Y	C R	100kΩ 1/2W J
	R547	QRE141J-123Y	C R	12kΩ 1/4W J
	R548	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R551	QRT039J-1R2	MF R	1.2Ω 3W J
	R552	QRT039J-1R2	MF R	1.2Ω 3W J
	R553	QRF104K-5R6	UNF R	5.6Ω 10W K
⚠	R554	QRZ9022-R47	F R	0.47 Ω 1W K
⚠	R555	QRZ9011-4R7	F R	4.7 Ω 1/2W J
	R561	QRL029J-220	OM R	22Ω 2W J
	R562	QRE121J-123Y	C R	12kΩ 1/2W J
	R563	QRZ0056-103Z	COMP R	10kΩ 1/2W K
	R591	QRE121J-123Y	C R	12kΩ 1/2W J
	R592	QRA14CF-1201Y	MF R	1.2kΩ 1/4W F
	R593	QRE141J-183Y	C R	18kΩ 1/4W J
	R594	QRE141J-222Y	C R	2.2kΩ 1/4W J
⚠	R595	QRA14CF-2102Y	MF R	21kΩ 1/4W F
⚠	R596	QRA14CF-2671Y	MF R	2.67kΩ 1/4W F
	R597	QRE141J-273Y	C R	27kΩ 1/4W J
	R902	QRE121J-331Y	C R	330Ω 1/2W J
	R903	QRF104K-3R9	UNF R	3.9Ω 10W K
	R904	QRE121J-474Y	C R	470kΩ 1/2W J
	R905	QRE121J-474Y	C R	470kΩ 1/2W J
	R906	QUY153-050Y	IM BUS WIRE	
	R907	QRL039J-823	OM R	82kΩ 3W J
	R908	QRL039J-823	OM R	82kΩ 3W J
	R909	QRG039J-473	OM R	47kΩ 3W J
	R911	QRM059J-R10	MP R	0.10Ω 5W J
	R912	QRT029J-R82	MF R	0.82Ω 2W J
⚠	R913	QRZ9017-100	F R	10 Ω 1/4W K
	R914	QRE121J-272Y	C R	2.7kΩ 1/2W J
	R916	QRE141J-103Y	C R	10kΩ 1/4W J
	R917	QRE121J-221Y	C R	220Ω 1/2W J
	R918	QRE121J-102Y	C R	1kΩ 1/2W J
	R932	QUY153-050Y	IM BUS WIRE	
	R934	QRE141J-102Y	C R	1kΩ 1/4W J
	R935	QRE141J-223Y	C R	22kΩ 1/4W J

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R936	QRE141J-103Y	C R	10kΩ 1/4W J
⚠	R939	QRZ9017-100	C R	10Ω 1/4W K
	R941	QRE141J-102Y	C R	1kΩ 1/4W J
	R952	QRE141J-222Y	C R	2.2kΩ 1/4W J
	R964	QRE121J-222Y	C R	2.2kΩ 1/2W J
	R967	QRL039J-223	OM R	22kΩ 3W J
	R976	QRL029J-100	OM R	10Ω 2W J
⚠	R991	QRZ0057-825	C R	8.2MΩ 1W J
	CAPACITOR			
	C401	QEHR1VM-227Z	E CAP.	220µF 35V M
	C402	QETM1VM-108	E CAP.	1000µF 35V M
	C403	QFLC2AJ-683Z	M CAP.	0.068µF 100V J
	C404	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C405	QFLC1HJ-472Z	M CAP.	4700pF 50V J
	C406	QCZ0B37-180Z	C CAP.	18pF 2kV K
	C407	QFLC1HJ-102Z	M CAP.	1000pF 50V J
	C408	QFVF1HJ-334Z	MF CAP.	0.33µF 50V J
	C410	QFVF1HJ-334Z	MF CAP.	0.33µF 50V J
	C411	QFLC2AJ-563Z	M CAP.	0.056µF 100V J
	C451	QFVF1HJ-104Z	MF CAP.	0.1µF 50V J
	C461	QEZ0195-475Z	E CAP.	4.7µF 50V M
	C462	QETN1HM-106Z	E CAP.	10µF 50V M
	C463	QFLC1HJ-153Z	M CAP.	0.015µF 50V J
	C464	QFLC1HJ-332Z	M CAP.	3300pF 50V J
	C491	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C492	QETN1HM-106Z	E CAP.	10µF 50V M
	C502	QCB32HK-681Z	C CAP.	680pF 500V K
	C503	QEHR2CM-105Z	E CAP.	1.0µF 160V M
⚠	C521	QFZ0200-452	MPP CAP.	4500pF1.5kVH±3%
⚠	C522	QFZ0200-123	MPP CAP.	0.012µF1.5kVH±3%
⚠	C523	QFP32GJ-153	PP CAP.	0.015µF 400V J
	C524	QFM72DK-104	M CAP.	0.1µF 200V K
⚠	C526	QFZ0199-304	MPP CAP.	0.3µF 250V J
	C527	QEHR2EM-475Z	E CAP.	4.7µF 250V M
⚠	C529	QFM72DK-393	M CAP.	0.039µF 200V K
	C530	QCB32HK-561Z	C CAP.	560pF 500V K
	C531	QFLC1HJ-103Z	M CAP.	0.01µF 50V J
	C533	QCS32HJ-560Z	C CAP.	56pF 500V J
	C542	QFZ0197-104	MPP CAP.	0.1µF 250V J
	C543	QFZ0197-104	MPP CAP.	0.1µF 250V J
	C551	QETN2EM-106Z	E CAP.	10µF 250V M
	C552	QCB32HK-152Z	C CAP.	1500pF 500V K
	C553	QEHR1EM-108Z	E CAP.	1000µF 25V M
	C554	QCB32HK-152Z	C CAP.	1500pF 500V K
	C555	QEHR1EM-108Z	E CAP.	1000µF 25V M
	C560	QETM2CM-227	E CAP.	220µF 160V M
	C561	QFLC1HJ-683Z	M CAP.	0.068µF 50V J
	C591	QETN1AM-107Z	E CAP.	100µF 10V M
	C592	QETN1EM-476Z	E CAP.	47µF 25V M
	C593	QETN2AM-106Z	E CAP.	10µF 100V M
	C594	QETN1AM-227Z	E CAP.	220µF 10V M
⚠	C901	QFZ9075-473	MPP CAP.	0.047µFACZ75V M
⚠	C904	QCZ9054-472	C CAP.	4700pFAC250V Z
⚠	C905	QCZ9054-472	C CAP.	4700pFAC250V Z
⚠	C906	QCZ9054-472	C CAP.	4700pFAC250V Z
	C907	QEZ0199-227	E CAP.	220µF 400V M
	C908	QCB32HK-103	C CAP.	0.01µF 500V K
	C909	QCZ0122-391	C CAP.	390pF 2kV K
	C910	QCZ0122-681	C CAP.	680pF 2kV K
	C912	QCB31HK-102Z	C CAP.	1000pF 50V K
	C916	QETN1HM-476Z	E CAP.	47µF 50V M
	C917	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C918	QCB31HK-152Z	C CAP.	1500pF 50V K
	C920	QFVF1HJ-334Z	MF CAP.	0.33µF 50V J
	C933	QETM1VM-338	E CAP.	3300µF 35V M
	C951	QCZ0122-561	C CAP.	560pF 2kV K
	C952	QEZ0203-227	E CAP.	220µF 160V M
	C953	QCB32HK-391Z	C CAP.	390pF 500V K
	C954	QTMM1EM-228	E CAP.	2200µF 25V M
	C955	QCB32HK-391Z	C CAP.	390pF 500V K
	C956	QTMM1CM-228	E CAP.	2200µF 16V M
	C958	QCB32HK-391Z	C CAP.	390pF 500V K
	C959	QETM1VM-338	E CAP.	3300µF 35V M
	C960	QCB32HK-221Z	C CAP.	220pF 500V K
	C961	QETM1VM-228	E CAP.	2200µF 35V M
	C964	QFVF1HJ-684Z	MF CAP.	0.68µF 50V J

⚠	Symbol No.	Part No.	Part Name	Description
	CAPACITOR			
	C968	QCZ0120-104Z	C CAP.	0.1μF 25V Z
	C969	QEHR1CM-477Z	E CAP.	470μF 16V M
	C970	QEHR1CM-107Z	E CAP.	100μF 16V M
	C971	QCZ0120-104Z	C CAP.	0.1μF 25V Z
	C972	QETN1CM-227Z	E CAP.	220μF 16V M
	C973	QETN1EM-476Z	E CAP.	47μF 25V M
	C974	QCZ0120-104Z	C CAP.	0.1μF 25V Z
	C975	QETN1AM-227Z	E CAP.	220μF 10V M
	C976	QETN1EM-476Z	E CAP.	47μF 25V M
⚠	C991	QCZ9079-332	C CAP.	3300pFAC250V M
⚠	C992	QCZ9079-471	C CAP.	470pFAC250V K
	TRANSFORMER			
	T501	CE42D34-002	HOR DRIVE TRANS	
⚠	T551	QQH0130-001	FBT	
	T561	QQR0898-001	DEF TRANSF	
⚠	T901	QQS0144-001	SW TRANSF	
	COIL			
	L461	QQLZ0Z7-821	INDUCTOR	
	L521	QQLZD28-501	INDUCTOR	
	L522	QQR1106-002	LINEARITY COIL	
	L561	QQLZD28-472	INDUCTOR	
	L901	QQL402K-100	COIL	10μH K
	L902	QQL402K-100	COIL	10μH K
⚠	L903	QQR1200-001	LINEARITY COIL	
	L951	QQLZD26-460	INDUCTOR	
	L952	QQL26AK-820Z	COIL	82μH K
	L953	QQL26AM-5R6Z	INDUCTOR	
	L954	QQL26AM-5R6Z	INDUCTOR	
	L955	QQL26AK-220Z	COIL	22μH K
	DIODE			
	D402	1N4003-T2	SI DIODE	
	D451	EU2-T3	SI DIODE	
	D491	1SS133-T2	SI DIODE	
	D492	MTZJ22B-T2	Z DIODE	
	D493	1SS133-T2	SI DIODE	
	D494	1SS133-T2	SI DIODE	
	D521	RH3G-F1	SI DIODE	
	D522	RU30A-F1	SI DIODE	
	D523	EU2-T3	SI DIODE	
	D525	MTZJ9.1B-T2	Z DIODE	
	D551	EU2A-T3	SI DIODE	
	D553	EU2-T3	SI DIODE	
	D554	EU2-T3	SI DIODE	
	D591	MTZJ15B-T2	Z DIODE	
	D592	MTZJ7.5B-T2	Z DIODE	
	D593	EU2-T3	SI DIODE	
	D594	MTZJ7.5S-T2	Z DIODE	
⚠	D901	D3SBA60	BRIDGE DIODE	
	D902	RG1C-LFA1	SI DIODE	
	D904	AU01Z-T2	FR DIODE	
	D905	AU01Z-T2	FR DIODE	
	D906	MTZJ4.7A-T2	Z DIODE	
	D907	MTZJ15B-T2	Z DIODE	
	D909	1SS133-T2	SI DIODE	
	D910	QUY153-050Y	IM BUS WIRE	
	D911	MTZJ15B-T2	Z DIODE	
	D913	MTZJZ7B-T2	Z DIODE	
	D951	RU4B-F1	SI DIODE	
	D953	EU2-T3	SI DIODE	
	D954	EU2-T3	SI DIODE	
	D955	FMX-G12S	SI DIODE	
	D956	FMX-G12S	SI DIODE	
	D957	RGP10J-5025-T3	SI DIODE	
	D958	1SR35-400A-T2	SI DIODE	
	D961	QUY153-050Y	IM BUS WIRE	
	D962	QUY153-050Y	IM BUS WIRE	
	D963	MTZJ3.9B-T2	Z DIODE	
	D964	MTZJ33B-T2	Z DIODE	
	D965	MTZJ4.3B-T2	Z DIODE	
	D981	1SS133-T2	SI DIODE	
	D982	1SS133-T2	SI DIODE	
	D983	1SS133-T2	SI DIODE	
	D985	MTZJ7.5C-T2	Z DIODE	
	TRANSISTOR			
	Q402	2SC1740S/QR/-T	TRANSISTOR	
	Q461	2SD1408/0Y/-LB	POW TRANSISTOR	

⚠	Symbol No.	Part No.	Part Name	Description
	TRANSISTOR			
	Q462	2SA933AS/QR/-T	TRANSISTOR	
	Q463	2SA933AS/QR/-T	TRANSISTOR	
	Q501	BSN304-T	MOS FET	
	Q514	DTC124ESA-T	DIGI TRANSISTOR	
⚠	Q521	2SD2553-LB	POW TRANSISTOR	H.OUT
	Q542	DTC124ESA-T	DIGI TRANSISTOR	
	Q543	IRFG20	POWER MOS FET	
	Q544	2SK2459N-F54	POWER MOS FET	
	Q545	2SK2459N-F54	POWER MOS FET	
	Q546	DTC124ESA-T	DIGI TRANSISTOR	
	Q591	2SA949/Y/Z1-T	TRANSISTOR	
	Q592	DTC124ESA-T	DIGI TRANSISTOR	
	Q593	2SC1740S/QR/-T	TRANSISTOR	
	Q931	2SC1740S/QR/-T	TRANSISTOR	
	Q932	DTC124ESA-T	DIGI TRANSISTOR	
	IC			
⚠	IC401	AN5523	IC	
	IC901	STR-F6254/F7	IC	
	IC951	SE140N	IC	
	IC952	BA12T	IC	
	IC953	BA17809T	IC	
	IC954	PQ05RF11	IC	
	OTHERS			
	CN003	QGB1506M1-16	B TO B CONNE	
	CN004	QGB1506M1-16	B TO B CONNE	
	CN005	QGB1506M1-16	B TO B CONNE	
	CN009	QGA2501C5-06Z	W TO B CONNE	
⚠	CP951	QUY153-050Y	IM BUS WIRE	
⚠	CP952	ICP-N50-Y	IC PROTECTOR	
⚠	CP953	QMFZD34-4R0Z-J1	FUSE	4.0A
⚠	CP954	ICP-N75-Y	IC PROTECTOR	
⚠	CP955	ICP-N75-Y	IC PROTECTOR	
	K401	QQR0621-002Z	FERRITE BEADS	
	K503	QQR0582-001Z	FERRITE BEADS	
	K504	QQR0582-001Z	FERRITE BEADS	
	K901	QQR0679-001	FERRITE BEADS	
	K904	QQR0679-001	FERRITE BEADS	
	K951	QQR0872-001Y	FERRITE BEADS	
	K952	QQR0621-002Z	FERRITE BEADS	
	K953	QQR0621-002Z	FERRITE BEADS	
	K954	QQR0621-002Z	FERRITE BEADS	
	K955	QQR0621-002Z	FERRITE BEADS	
	K956	QQR0621-002Z	FERRITE BEADS	
⚠	LF902	QQR1095-001	LINE FILTER	
⚠	PC541	PC123FY2	IC(PHOTO COUPLE	
⚠	PC901	PC123FY2	IC(PHOTO COUPLE	
⚠	TH901	QAD0133-9R0	P THERMISTOR	

■CRT SOCKET P.W. BOARD ASS'Y (SJL-3002A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R3101	NRSA63J-101X	MG R	100Ω 1/16W J
	R3102	NRSA63J-101X	MG R	100Ω 1/16W J
	R3103	NRSA63J-101X	MG R	100Ω 1/16W J
	R3107	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R3108	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R3109	NRSA63J-392X	MG R	3.9kΩ 1/16W J
	R3110	NRSA63J-221X	MG R	220Ω 1/16W J
	R3111	NRSA63J-221X	MG R	220Ω 1/16W J
	R3112	NRSA63J-221X	MG R	220Ω 1/16W J
	R3113	NRSA63J-470X	MG R	47Ω 1/16W J
	R3114	NRSA63J-470X	MG R	47Ω 1/16W J
	R3115	NRSA63J-470X	MG R	47Ω 1/16W J
	R3116	QRL029J-153	OM R	15kΩ 2W J
	R3117	QRL029J-153	OM R	15kΩ 2W J
	R3118	QRL029J-153	OM R	15kΩ 2W J
	R3119	QRL029J-183	OM R	18kΩ 2W J
	R3120	QRL029J-183	OM R	18kΩ 2W J
	R3121	QRL029J-183	OM R	18kΩ 2W J
	R3125	QRZ0107-102Z	C R	1kΩ 1/2W K
	R3126	QRZ0107-102Z	C R	1kΩ 1/2W K
	R3127	QRZ0107-102Z	C R	1kΩ 1/2W K
	R3130	QRG01GJ-101	OM R	100Ω 1W J
	R3135	QRZ0107-474Z	C R	470kΩ 1/2W K
	R3136	QRE121J-474Y	C R	470kΩ 1/2W J
	R3137	QRZ0107-102Z	C R	1kΩ 1/2W K
	R3138	QRE121J-105Y	C R	1MΩ 1/2W J
	R3151	NRSA63J-102X	MG R	1kΩ 1/16W J
	R3152	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R3154	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R3303	NRSA63J-101X	MG R	100Ω 1/16W J
	R3312	NRSA63J-153X	MG R	15kΩ 1/16W J
	R3313	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	R3314	NRSA63J-221X	MG R	220Ω 1/16W J
	R3315	NRSA63J-101X	MG R	100Ω 1/16W J
	R3316	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R3317	NRSA63J-470X	MG R	47Ω 1/16W J
⚠	R3318	QRJ146J-100X	C R	10Ω 1/4W J
	R3319	NRSA63J-470X	MG R	47Ω 1/16W J
	R3320	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R3321	NRSA63J-390X	MG R	39Ω 1/16W J
	R3322	QRE121J-2R7Y	C R	2.7Ω 1/2W J
	R3323	QRE121J-563Y	C R	56kΩ 1/2W J
	R3324	QRE121J-563Y	C R	56kΩ 1/2W J
	R3325	NRSA63J-122X	MG R	1.2kΩ 1/16W J
	R3326	QRE121J-2R7Y	C R	2.7Ω 1/2W J
	R3327	NRSA63J-390X	MG R	39Ω 1/16W J
	R3328	NRSA63J-121X	MG R	120Ω 1/16W J
	R3329	QRL029J-391	OM R	390Ω 2W J
	CAPACITOR			
	C3101	NDC31HJ-391X	C CAP.	390pF 50V J
	C3102	NDC31HJ-391X	C CAP.	390pF 50V J
	C3103	NDC31HJ-391X	C CAP.	390pF 50V J
	C3104	QETN1CM-107Z	E CAP.	100μF 16V M
	C3105	QETN1EM-476Z	E CAP.	47μF 25V M
	C3107	QETN1HM-106Z	E CAP.	10μF 50V M
	C3113	QCZ0131-222	C CAP.	2200pF 2kV K
	C3114	QETP2EM-336	E CAP.	33μF 250V M
	C3115	QETP2EM-106	E CAP.	10μF 250V M
	C3116	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	C3304	NCB31HK-103X	C CAP.	0.01μF 50V K
	C3305	QETN1HM-335Z	E CAP.	3.3μF 50V M
	C3306	QETN1CM-107Z	E CAP.	100μF 16V M
	C3307	NDC31HJ-5R0X	C CAP.	5.0pF 50V J
	C3308	QETN2CM-106Z	E CAP.	10μF 160V M
	C3309	QCB32HK-472Z	C CAP.	4700pF 500V K
	C3310	QETN2CM-106Z	E CAP.	10μF 160V M
	C3311	NDC31HJ-821X	C CAP.	820pF 50V J
	C3312	QCB32HK-472Z	C CAP.	4700pF 500V K
	C3313	NDC31HJ-561X	C CAP.	560pF 50V J
	C3314	QETN1CM-107Z	E CAP.	100μF 16V M
	C3315	QCS32HJ-680Z	C CAP.	68pF 500V J
	C3316	QETN1CM-107Z	E CAP.	100μF 16V M
	C3317	QETN1AM-337Z	E CAP.	330μF 10V M
	COIL			
	L3101	QUY153-050Y	IM BUS WIRE	
	L3102	QUY153-050Y	IM BUS WIRE	
	L3103	QUY153-050Y	IM BUS WIRE	

⚠	Symbol No.	Part No.	Part Name	Description
	COIL			
	L3301	QQL244J-391Z	INDUCTOR	
	DIODE			
	D3151	MA111-X	SI DIODE	
	D3152	MA3082/L/-X	Z DIODE	
	D3153	MA111-X	SI DIODE	
	D3154	MA111-X	SI DIODE	
	D3155	MA111-X	SI DIODE	
	D3156	MA3047/H/-X	Z DIODE	
	D3157	MA3150/M/-X	Z DIODE	
	D3163	MA3150/M/-X	Z DIODE	
	D3164	1SR35-400A-T2	SI DIODE	
	D3302	RH1S-T3	SI DIODE	
	D3303	RH1S-T3	SI DIODE	
	TRANSISTOR			
	Q3101	2SC1740S/QR/-T	TRANSISTOR	
	Q3102	2SC1740S/QR/-T	TRANSISTOR	
	Q3103	2SC1740S/QR/-T	TRANSISTOR	
	Q3104	2SC4544-LB	POW TRANSISTOR	
	Q3105	2SC4544-LB	POW TRANSISTOR	
	Q3106	2SC4544-LB	POW TRANSISTOR	
	Q3151	2SA1037AK/QR/-X	TRANSISTOR	
	Q3152	2SC4682-T	TRANSISTOR	
	Q3304	2SC1740S/QR/-T	TRANSISTOR	
	Q3305	2SC1740S/QR/-T	TRANSISTOR	
	Q3306	2SA933AS/QR/-T	TRANSISTOR	
	Q3307	2SA1837	POWER TRANSISTO	
	Q3308	2SC4793	POWER TRANSISTO	
	OTHERS			
	CN3008	QJK002-083633	SIN CR C-B WIRE	
	CN3009	QJK002-063G1	SIN CR C-B WIRE	
⚠	FR3330	QRZ9021-561	F R	560Ω 1W J
	K3101	QQR0621-002Z	FERRITE BEADS	
	K3301	CE41492-001Z	CHOKE COIL	
	K3302	CE41492-001Z	CHOKE COIL	
	K3303	CE41492-001Z	CHOKE COIL	
	K3304	CE41492-001Z	CHOKE COIL	
⚠	SK3001	QNZ0574-001	CRT SOCKET	

■FRONT CONTROL P.W. BOARD ASS'Y (SJL-8004A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R8801	NRSA63J-561X	MG R	560Ω 1/16W J
	R8802	NRSA63J-561X	MG R	560Ω 1/16W J
	R8804	NRSA63J-103X	MG R	10kΩ 1/16W J
	R8851	NRSA63J-152X	MG R	1.5kΩ 1/16W J
	CAPACITOR			
	C8851	NCB31CK-104X	C CAP.	0.1μF 16V K
	C8852	QETN1CM-107Z	E CAP.	100μF 16V M
⚠	C8901	QFZ9075-474	MPP CAP.	0.47μFAC275V M
	DIODE			
	D8801	SPR-39MVWF	LED	
	D8851	MA3068/M/-X	Z DIODE	
	TRANSISTOR			
	Q8801	DTA124EKA-X	DIGI TRANSISTOR	
	Q8802	DTA124EKA-X	DIGI TRANSISTOR	
	Q8803	DTC124EKA-X	DIGI TRANSISTOR	
	IC			
	IC8851	GP1U281Q	IR DETECT UNIT	
	OTHERS			
		LC30849-001A-H	LED HOLDER	
		CEMC002-001Z	FUSE CLIP	
	CN8001	QGF1220C2-19	FFC/FPC CONNE	
⚠	F8901	QMF51D2-3R15J1	FUSE	3.15A
⚠	LF8901	QQR1095-001	LINE FILTER	
⚠	S8901	QSW0824-001	PUSH SWITCH	MAIN POWER

■ SIDE CONTROL P.W. BOARD ASS'Y (SJL-8102A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R8001	QRE121J-271Y	C R	270Ω 1/2W J
	R8002	QRE121J-271Y	C R	270Ω 1/2W J
	R8010	NRSA63J-103X	MG R	10kΩ 1/16W J
	R8011	NRSA63J-103X	MG R	10kΩ 1/16W J
	R8012	NRSA63J-103X	MG R	10kΩ 1/16W J
	R8021	NRSA63J-102X	MG R	1kΩ 1/16W J
	R8022	NRSA63J-102X	MG R	1kΩ 1/16W J
	R8023	NRSA63J-103X	MG R	10kΩ 1/16W J
	R8317	NRSA63J-750X	MG R	75Ω 1/16W J
	CAPACITOR			
	C8001	NCB31HK-103X	C CAP.	0.01μF 50V K
	C8002	NCB31HK-103X	C CAP.	0.01μF 50V K
	C8003	NCB31HK-102X	C CAP.	1000pF 50V K
	C8004	NCB31HK-102X	C CAP.	1000pF 50V K
	C8310	NCB31HK-472X	C CAP.	4700pF 50V K
	C8311	NCB31HK-472X	C CAP.	4700pF 50V K
	C8321	NCB31CK-104X	C CAP.	0.1μF 16V K
	COIL			
	L8001	QQR0716-001Z	FERRITE BEADS	
	L8002	QQL244K-5R6Z	COIL	5.6μH K
	L8003	QQL244K-5R6Z	COIL	5.6μH K
	L8310	QQL244K-270Z	INDUCTOR	
	L8311	QQL244K-270Z	INDUCTOR	
	L8312	QQR0716-001Z	FERRITE BEADS	
	OTHERS			
	CN8016	QGA2501C5-05Z	W TO B CONNE	
	J8001	QNS0169-001	3.5 JACK	
	J8303	QNZ0438-001	AV JACK	
	S8001	QSW0619-003Z	TACT SWITCH	CH UP
	S8002	QSW0619-003Z	TACT SWITCH	MENU
	S8003	QSW0619-003Z	TACT SWITCH	CH DOWN

■ AV SW P.W. BOARD ASS'Y (SJL0S003A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R0101	NRSA63J-750X	MG R	75Ω 1/16W J
	R0102	NRSA63J-750X	MG R	75Ω 1/16W J
	R0103	NRSA63J-750X	MG R	75Ω 1/16W J
	R0104	NRSA63J-750X	MG R	75Ω 1/16W J
	R0105	NRSA63J-750X	MG R	75Ω 1/16W J
	R0106	NRSA63J-750X	MG R	75Ω 1/16W J
	R0107	NRSA63J-750X	MG R	75Ω 1/16W J
	R0108	NRSA63J-750X	MG R	75Ω 1/16W J
	R0110	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0112	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0113	NRSA63J-750X	MG R	75Ω 1/16W J
	R0114	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0115	NRSA63J-223X	MG R	22kΩ 1/16W J
	R0116	NRSA63J-223X	MG R	22kΩ 1/16W J
	R0117	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0118	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0119	NRSA63J-391X	MG R	390Ω 1/16W J
	R0120	NRSA63J-391X	MG R	390Ω 1/16W J
	R0123	NRSA63J-104X	MG R	100kΩ 1/16W J
	R0124	NRSA63J-101X	MG R	100Ω 1/16W J
	R0125	NRSA63J-101X	MG R	100Ω 1/16W J
	R0126	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0127	NRSA63J-101X	MG R	100Ω 1/16W J
	R0128	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0129	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0130	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0131	NRSA63J-273X	MG R	27kΩ 1/16W J
	R0132	NRSA63J-153X	MG R	15kΩ 1/16W J
	R0133	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0134	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0135	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0136	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0137	NRSA63J-333X	MG R	33kΩ 1/16W J

⚠	Symbol No.	Part No.	Part Name	Description
	RESISTOR			
	R0138	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0139	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0140	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0141	NRSA63J-153X	MG R	15kΩ 1/16W J
	R0142	NRSA63J-223X	MG R	22kΩ 1/16W J
	R0143	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0144	NRSA63J-273X	MG R	27kΩ 1/16W J
	R0146	NRSA63J-391X	MG R	390Ω 1/16W J
	R0148	NRSA63J-391X	MG R	390Ω 1/16W J
	R0151	NRSA63J-104X	MG R	100kΩ 1/16W J
	R0152	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0153	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0154	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0155	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0156	NRSA63J-101X	MG R	100Ω 1/16W J
	R0157	NRSA63J-101X	MG R	100Ω 1/16W J
	R0158	NRSA63J-101X	MG R	100Ω 1/16W J
	R0159	NRSA63J-101X	MG R	100Ω 1/16W J
	R0160	NRSA63J-101X	MG R	100Ω 1/16W J
	R0161	NRSA63J-101X	MG R	100Ω 1/16W J
	R0162	NRSA63J-101X	MG R	100Ω 1/16W J
	R0163	NRSA63J-101X	MG R	100Ω 1/16W J
	R0164	NRSA63J-101X	MG R	100Ω 1/16W J
	R0165	NRSA63J-101X	MG R	100Ω 1/16W J
	R0166	NRSA63J-101X	MG R	100Ω 1/16W J
	R0167	NRSA63J-101X	MG R	100Ω 1/16W J
	R0168	NRSA63J-101X	MG R	100Ω 1/16W J
	R0169	NRSA63J-101X	MG R	100Ω 1/16W J
	R0170	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0171	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0172	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0173	NRSA63J-823X	MG R	82kΩ 1/16W J
	R0174	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0175	NRSA63J-153X	MG R	15kΩ 1/16W J
	R0176	NRSA63J-473X	MG R	47kΩ 1/16W J
	R0177	NRSA63J-273X	MG R	27kΩ 1/16W J
	R0180	NRSA63J-101X	MG R	100Ω 1/16W J
	R0181	NRSA63J-101X	MG R	100Ω 1/16W J
	R0182	NRSA63J-101X	MG R	100Ω 1/16W J
	R0183	NRSA63J-101X	MG R	100Ω 1/16W J
	R0184	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0185	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0186	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0188	NRSA63J-101X	MG R	100Ω 1/16W J
	R0189	NRSA63J-221X	MG R	220Ω 1/16W J
	R0190	NRSA63J-221X	MG R	220Ω 1/16W J
	R0191	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R0192	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R0193	NRSA63J-102X	MG R	1kΩ 1/16W J
	R0194	NRSA63J-102X	MG R	1kΩ 1/16W J
	R0195	QRG01GJ-101	OM R	100Ω 1W J
	R0197	QRK126J-181X	C R	180Ω 1/2W J
	R0198	NRSA63J-750X	MG R	75Ω 1/16W J
	R0199	NRSA63J-101X	MG R	100Ω 1/16W J
	R0202	QRK126J-151X	C R	150Ω 1/2W J
	R0203	NRSA63J-750X	MG R	75Ω 1/16W J
	R0204	NRSA63J-750X	MG R	75Ω 1/16W J
	R0205	NRSA63J-750X	MG R	75Ω 1/16W J
	R0207	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0208	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0209	NRSA63J-222X	MG R	2.2kΩ 1/16W J
	R0210	NRSA63J-333X	MG R	33kΩ 1/16W J
	R0211	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0212	NRSA63J-103X	MG R	10kΩ 1/16W J
	R0606	QRG01GJ-181	OM R	180Ω 1W J
	R0628	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R0629	NRSA63J-101X	MG R	100Ω 1/16W J
	R0630	NRSA63J-101X	MG R	100Ω 1/16W J
	CAPACITOR			
	C0101	NCB31HK-152X	C CAP.	1500pF 50V K
	C0102	QETN1CM-477Z	E CAP.	470μF 16V M
	C0103	QETN1HM-106Z	E CAP.	10μF 50V M
	C0104	QETN1HM-106Z	E CAP.	10μF 50V M
	C0105	QETN1HM-106Z	E CAP.	10μF 50V M
	C0106	NCB31HK-472X	C CAP.	4700pF 50V K
	C0107	NCB31HK-152X	C CAP.	1500pF 50V K
	C0108	NCB31HK-472X	C CAP.	4700pF 50V K

⚠	Symbol No.	Part No.	Part Name	Description
CAPACITOR				
	C0109	NCB31HK-152X	C CAP.	1500pF 50V K
	C0110	QETN1CM-477Z	E CAP.	470µF 16V M
	C0111	NCB31HK-472X	C CAP.	4700pF 50V K
	C0112	NCB31HK-472X	C CAP.	4700pF 50V K
	C0113	NCB31HK-152X	C CAP.	1500pF 50V K
	C0114	NCB31HK-472X	C CAP.	4700pF 50V K
	C0115	NCB31HK-472X	C CAP.	4700pF 50V K
	C0116	QETN1HM-106Z	E CAP.	10µF 50V M
	C0117	QETN1HM-106Z	E CAP.	10µF 50V M
	C0118	NCB31HK-102X	C CAP.	1000pF 50V K
	C0119	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C0120	QETN1HM-106Z	E CAP.	10µF 50V M
	C0121	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C0122	NCB31HK-103X	C CAP.	0.01µF 50V K
	C0123	NCB31HK-102X	C CAP.	1000pF 50V K
	C0124	QETN1HM-106Z	E CAP.	10µF 50V M
	C0125	QETN1HM-106Z	E CAP.	10µF 50V M
	C0126	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C0127	QETN1HM-106Z	E CAP.	10µF 50V M
	C0128	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C0129	QETN1HM-106Z	E CAP.	10µF 50V M
	C0130	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C0131	NCB31HK-102X	C CAP.	1000pF 50V K
	C0132	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C0133	NCB31HK-103X	C CAP.	0.01µF 50V K
	C0136	QETN1HM-106Z	E CAP.	10µF 50V M
	C0137	QEN1EM-106Z	BP E CAP.	10µF 25V M
	C0139	QEN1EM-106Z	BP E CAP.	10µF 25V M
	C0140	QETN1CM-107Z	E CAP.	100µF 16V M
	C0141	NCB31HK-103X	C CAP.	0.01µF 50V K
	C0142	NCF31AZ-105X	C CAP.	1µF 10V Z
	C0143	QEN1EM-106Z	BP E CAP.	10µF 25V M
	C0144	NCF31AZ-105X	C CAP.	1µF 10V Z
	C0145	QETN1CM-107Z	E CAP.	100µF 16V M
	C0146	QETN1CM-107Z	E CAP.	100µF 16V M
	C0147	QETN1CM-477Z	E CAP.	470µF 16V M
	C0149	NCB31HK-103X	C CAP.	0.01µF 50V K
	C0150	QETN1HM-106Z	E CAP.	10µF 50V M
	C0151	QETN1HM-106Z	E CAP.	10µF 50V M
	C0152	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C0153	QETN1HM-105Z	E CAP.	1.0µF 50V M
	C0154	NDC31HJ-680X	C CAP.	68pF 50V J
	C0155	NDC31HJ-680X	C CAP.	68pF 50V J
	C0157	NDC31HJ-680X	C CAP.	68pF 50V J
	C0158	NDC31HJ-680X	C CAP.	68pF 50V J
	C0616	QETN1CM-107Z	E CAP.	100µF 16V M
	C0617	NCB31CK-104X	C CAP.	0.1µF 16V K
	C0618	QETN1HM-106Z	E CAP.	10µF 50V M
	C0619	NCB31CK-104X	C CAP.	0.1µF 16V K
	C0620	QETN1HM-106Z	E CAP.	10µF 50V M
	C0623	NCB31CK-104X	C CAP.	0.1µF 16V K
	C0624	QETN1HM-106Z	E CAP.	10µF 50V M
	C0629	QETN1HM-106Z	E CAP.	10µF 50V M
	C0630	NCB31HK-102X	C CAP.	1000pF 50V K
	C0631	NCB31HK-102X	C CAP.	1000pF 50V K
	C0632	NCB31CK-104X	C CAP.	0.1µF 16V K
	C0633	QETN1HM-106Z	E CAP.	10µF 50V M
	C0634	NCB31HK-103X	C CAP.	0.01µF 50V K
	C0635	NCB31HK-103X	C CAP.	0.01µF 50V K
	C0636	NDC31HJ-2R0X	C CAP.	2.0pF 50V J
	C0642	NDC31HJ-2R0X	C CAP.	2.0pF 50V J
	C0645	NCB31HK-103X	C CAP.	0.01µF 50V K
	C0646	NCB31CK-104X	C CAP.	0.1µF 16V K
	C0647	QETN1CM-107Z	E CAP.	100µF 16V M
	C0648	NCB31CK-104X	C CAP.	0.1µF 16V K
COIL				
	L0114	QQR0716-001Z	FERRITE BEADS	
	L0603	QRN143J-0R0X	C R	0.0Ω 1/4W J
	L0605	QQL244K-4R7Z	COIL	4.7µH K
DIODE				
	D0101	MA3120/M/-X	Z DIODE	
	D0102	MA3120/M/-X	Z DIODE	
	D0103	MA3120/M/-X	Z DIODE	
	D0104	MA3120/M/-X	Z DIODE	
	D0105	MA3120/M/-X	Z DIODE	
	D0106	MA3120/M/-X	Z DIODE	
	D0107	MA3120/M/-X	Z DIODE	
	D0108	MA3120/M/-X	Z DIODE	

⚠	Symbol No.	Part No.	Part Name	Description
DIODE				
	D0109	MA3120/M/-X	Z DIODE	
	D0110	MA3120/M/-X	Z DIODE	
	D0111	MA3120/M/-X	Z DIODE	
	D0112	MA3120/M/-X	Z DIODE	
	D0113	MA3120/M/-X	Z DIODE	
	D0601	RD8.2E/B2/-T2	Z DIODE	
TRANSISTOR				
	Q0101	DTC323TK-X	DIGI TRANSISTOR	
	Q0102	2SA1037AK/QR/-X	TRANSISTOR	
	Q0103	DTC323TK-X	DIGI TRANSISTOR	
	Q0104	2SC2412K/QR/-X	TRANSISTOR	
	Q0105	2SC2412K/QR/-X	TRANSISTOR	
	Q0106	2SC2412K/QR/-X	TRANSISTOR	
	Q0107	2SC2412K/QR/-X	TRANSISTOR	
	Q0108	2SA1037AK/QR/-X	TRANSISTOR	
	Q0109	DTC323TK-X	DIGI TRANSISTOR	
	Q0110	DTC323TK-X	DIGI TRANSISTOR	
	Q0111	2SC2412K/QR/-X	TRANSISTOR	
	Q0112	2SC2412K/QR/-X	TRANSISTOR	
	Q0116	2SA933AS/QR/-T	TRANSISTOR	
	Q0118	2SC1740S/QR/-T	TRANSISTOR	
	Q0119	2SC2412K/QR/-X	TRANSISTOR	
	Q0120	2SC2412K/QR/-X	TRANSISTOR	
IC				
	IC0101	CXA2089Q-X	IC	
	IC0603	MSP3415DQGB3GHX	IC	
OTHERS				
	CN0006	QGB1505K1-50	B TO B CONNE	
	J0001	QNZ0465-001	21P CONNECTOR	
	J0002	QNZ0463-001	21P CONNECTOR	
	K0101	CE42681-001Y	CHIP BEADS CORE	
	K0102	CE42681-001Y	CHIP BEADS CORE	
	K0103	CE42681-001Y	CHIP BEADS CORE	
	K0104	CE42681-001Y	CHIP BEADS CORE	
	K0601	NQR0389-003X	FERRITE BEADS	
	K0602	NQR0389-003X	FERRITE BEADS	
	LC0601	NQR0431-001X	EMI FILTER	
	X0601	CE42546-001Z	X TAL	

■ DOLBY P.W. BOARD ASS'Y (SJL0D001A-U2)

⚠	Symbol No.	Part No.	Part Name	Description
RESISTOR				
	R101	NRSA63J-223X	MG R	22kΩ 1/16W J
	R102	NRSA63J-683X	MG R	68kΩ 1/16W J
	R103	NRSA63J-223X	MG R	22kΩ 1/16W J
	R104	NRSA63J-683X	MG R	68kΩ 1/16W J
	R105	NRSA63J-105X	MG R	1MΩ 1/16W J
	R106	NRSA63J-271X	MG R	270Ω 1/16W J
	R107	NRSA63J-271X	MG R	270Ω 1/16W J
	R108	NRSA63J-271X	MG R	270Ω 1/16W J
	R109	NRSA63J-271X	MG R	270Ω 1/16W J
	R110	NRSA63J-473X	MG R	47kΩ 1/16W J
	R111	NRSA63J-102X	MG R	1kΩ 1/16W J
	R112	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R113	NRSA63J-102X	MG R	1kΩ 1/16W J
	R114	NRSA63J-0R0X	MG R	0.0Ω 1/16W J
	R115	NRSA63J-102X	MG R	1kΩ 1/16W J
	R117	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R118	NRSA63J-103X	MG R	10kΩ 1/16W J
	R201	NRSA63J-273X	MG R	27kΩ 1/16W J
	R202	NRSA63J-153X	MG R	15kΩ 1/16W J
	R203	NRSA63J-103X	MG R	10kΩ 1/16W J
	R204	NRSA63J-103X	MG R	10kΩ 1/16W J
	R205	NRSA63J-103X	MG R	10kΩ 1/16W J
	R206	NRSA63J-104X	MG R	100kΩ 1/16W J
	R207	NRSA63J-273X	MG R	27kΩ 1/16W J
	R208	NRSA63J-153X	MG R	15kΩ 1/16W J
	R209	NRSA63J-104X	MG R	100kΩ 1/16W J
	R210	NRSA63J-103X	MG R	10kΩ 1/16W J
	R211	NRSA63J-123X	MG R	12kΩ 1/16W J
	R212	NRSA63J-103X	MG R	10kΩ 1/16W J
	R213	NRSA63J-104X	MG R	100kΩ 1/16W J

RESISTOR

⚠	Symbol No.	Part No.	Part Name	Description
	R214	NRSA63J-123X	MG R	12kΩ 1/16W J
	R215	NRSA63J-123X	MG R	12kΩ 1/16W J
	R216	NRSA63J-103X	MG R	10kΩ 1/16W J
	R217	NRSA63J-104X	MG R	100kΩ 1/16W J
	R218	NRSA63J-123X	MG R	12kΩ 1/16W J
	R303	NRSA63J-103X	MG R	10kΩ 1/16W J
	R304	NRSA63J-394X	MG R	390kΩ 1/16W J
	R305	NRSA63J-394X	MG R	390kΩ 1/16W J
	R306	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R307	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R310	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R311	NRSA63J-562X	MG R	5.6kΩ 1/16W J
	R312	NRSA63J-394X	MG R	390kΩ 1/16W J
	R313	NRSA63J-394X	MG R	390kΩ 1/16W J
	R314	NRSA63J-103X	MG R	10kΩ 1/16W J
	R315	NRSA63J-103X	MG R	10kΩ 1/16W J
	R401	NRSA63J-101X	MG R	100Ω 1/16W J
	R402	NRSA63J-104X	MG R	100kΩ 1/16W J
	R403	NRSA63J-223X	MG R	22kΩ 1/16W J
	R404	NRSA63J-103X	MG R	10kΩ 1/16W J
	R405	NRSA63J-103X	MG R	10kΩ 1/16W J
	R407	NRSA63J-183X	MG R	18kΩ 1/16W J
	R408	NRSA63J-101X	MG R	100Ω 1/16W J
	R409	NRSA63J-104X	MG R	100kΩ 1/16W J
	R501	NRSA63J-273X	MG R	27kΩ 1/16W J
	R502	NRSA63J-153X	MG R	15kΩ 1/16W J
	R503	NRSA63J-103X	MG R	10kΩ 1/16W J
	R504	NRSA63J-104X	MG R	100kΩ 1/16W J
	R505	NRSA63J-153X	MG R	15kΩ 1/16W J
	R506	NRSA63J-103X	MG R	10kΩ 1/16W J
	R507	NRSA63J-273X	MG R	27kΩ 1/16W J
	R508	NRSA63J-103X	MG R	10kΩ 1/16W J
	R509	NRSA63J-104X	MG R	100kΩ 1/16W J
	R510	NRSA63J-681X	MG R	680Ω 1/16W J
	R511	NRSA63J-681X	MG R	680Ω 1/16W J
	R512	NRSA63J-103X	MG R	10kΩ 1/16W J
	R514	NRSA63J-104X	MG R	100kΩ 1/16W J
	R516	NRSA63J-103X	MG R	10kΩ 1/16W J
	R517	NRSA63J-103X	MG R	10kΩ 1/16W J
	R551	NRSA63J-103X	MG R	10kΩ 1/16W J
	R552	NRSA63J-103X	MG R	10kΩ 1/16W J
	R553	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R554	NRSA63J-822X	MG R	8.2kΩ 1/16W J
	R555	NRSA63J-333X	MG R	33kΩ 1/16W J
	R556	NRSA63J-333X	MG R	33kΩ 1/16W J
	R557	NRSA63J-333X	MG R	33kΩ 1/16W J
	R558	NRSA63J-472X	MG R	4.7kΩ 1/16W J
	R559	NRSA63J-153X	MG R	15kΩ 1/16W J
	R560	NRSA63J-683X	MG R	68kΩ 1/16W J
	R561	NRSA63J-153X	MG R	15kΩ 1/16W J
	R562	NRSA63J-683X	MG R	68kΩ 1/16W J

CAPACITOR

⚠	Symbol No.	Part No.	Part Name	Description
	C101	NCB31CK-104X	C CAP.	0.1µF 16V K
	C103	NDC31HJ-221X	C CAP.	220pF 50V J
	C104	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C105	NCB31CK-104X	C CAP.	0.1µF 16V K
	C106	QETN1EM-476Z	E CAP.	47µF 25V M
	C107	QETN1EM-476Z	E CAP.	47µF 25V M
	C108	QETN1EM-476Z	E CAP.	47µF 25V M
	C109	QETN1HM-475Z	E CAP.	4.7µF 50V M
	C110	NDC31HJ-221X	C CAP.	220pF 50V J
	C111	NDC31HJ-100X	C CAP.	10pF 50V J
	C112	NDC31HJ-100X	C CAP.	10pF 50V J
	C114	QETN1EM-476Z	E CAP.	47µF 25V M
	C115	QETN1EM-476Z	E CAP.	47µF 25V M
	C116	NCB31CK-104X	C CAP.	0.1µF 16V K
	C117	QETN1EM-476Z	E CAP.	47µF 25V M
	C118	QETN1EM-476Z	E CAP.	47µF 25V M
	C119	QETN1EM-476Z	E CAP.	47µF 25V M
	C120	NCB31CK-104X	C CAP.	0.1µF 16V K
	C121	QETN1EM-476Z	E CAP.	47µF 25V M
	C122	QETN1EM-476Z	E CAP.	47µF 25V M
	C123	NCB31CK-104X	C CAP.	0.1µF 16V K
	C124	NDC31HJ-221X	C CAP.	220pF 50V J
	C125	NDC31HJ-221X	C CAP.	220pF 50V J
	C126	NDC31HJ-221X	C CAP.	220pF 50V J
	C127	NDC31HJ-221X	C CAP.	220pF 50V J
	C128	QETN1EM-476Z	E CAP.	47µF 25V M
	C129	NCB31CK-104X	C CAP.	0.1µF 16V K
	C130	NCB31CK-104X	C CAP.	0.1µF 16V K
	C131	NCB31CK-104X	C CAP.	0.1µF 16V K
	C132	NCB31CK-104X	C CAP.	0.1µF 16V K
	C133	NCB31CK-104X	C CAP.	0.1µF 16V K
	C134	QETN1CM-107Z	E CAP.	100µF 16V M
	C135	NCB31CK-104X	C CAP.	0.1µF 16V K
	C137	QETN1CM-107Z	E CAP.	100µF 16V M
	C138	QETN1EM-476Z	E CAP.	47µF 25V M
	C142	NCB31CK-104X	C CAP.	0.1µF 16V K
	C145	NCB31CK-104X	C CAP.	0.1µF 16V K
	C148	NCB31HK-222X	C CAP.	2200pF 50V K
	C149	NCB31HK-222X	C CAP.	2200pF 50V K
	C150	NCB31CK-104X	C CAP.	0.1µF 16V K
	C151	NCB31CK-104X	C CAP.	0.1µF 16V K
	C152	QETN1CM-107Z	E CAP.	100µF 16V M
	C201	NDC31HJ-470X	C CAP.	47pF 50V J
	C202	NCF31AZ-105X	C CAP.	1µF 10V Z
	C203	QETN1EM-476Z	E CAP.	47µF 25V M
	C204	NDC31HJ-470X	C CAP.	47pF 50V J
	C205	NCF31AZ-105X	C CAP.	1µF 10V Z
	C206	QETN1EM-476Z	E CAP.	47µF 25V M
	C207	NCF31AZ-105X	C CAP.	1µF 10V Z
	C208	NDC31HJ-470X	C CAP.	47pF 50V J
	C209	NDC31HJ-470X	C CAP.	47pF 50V J
	C210	NCF31AZ-105X	C CAP.	1µF 10V Z
	C301	QETN1EM-476Z	E CAP.	47µF 25V M
	C302	NCB31CK-104X	C CAP.	0.1µF 16V K
	C303	NCB31CK-104X	C CAP.	0.1µF 16V K
	C304	NCB31CK-104X	C CAP.	0.1µF 16V K
	C305	NCB31CK-104X	C CAP.	0.1µF 16V K
	C306	NCB31HK-222X	C CAP.	2200pF 50V K
	C307	NCB31HK-222X	C CAP.	2200pF 50V K
	C308	QETN1HM-226Z	E CAP.	22µF 50V M
	C309	NCF31AZ-105X	C CAP.	1µF 10V Z
	C310	NCF31AZ-105X	C CAP.	1µF 10V Z
	C311	QETN1EM-476Z	E CAP.	47µF 25V M
	C312	NCB31CK-104X	C CAP.	0.1µF 16V K
	C313	NCB31CK-104X	C CAP.	0.1µF 16V K
	C314	NCB31CK-104X	C CAP.	0.1µF 16V K
	C315	NCB31CK-104X	C CAP.	0.1µF 16V K
	C316	NCB31HK-222X	C CAP.	2200pF 50V K
	C317	QETN1EM-476Z	E CAP.	47µF 25V M
	C318	QETN1HM-226Z	E CAP.	22µF 50V M
	C319	NCF31AZ-105X	C CAP.	1µF 10V Z
	C320	NCF31AZ-105X	C CAP.	1µF 10V Z
	C321	NCB31HK-222X	C CAP.	2200pF 50V K
	C401	NCF31AZ-105X	C CAP.	1µF 10V Z
	C402	NDC31HJ-470X	C CAP.	47pF 50V J
	C404	NCF31AZ-105X	C CAP.	1µF 10V Z
	C405	QETN1EM-476Z	E CAP.	47µF 25V M
	C406	NCF31AZ-105X	C CAP.	1µF 10V Z
	C501	NCF31AZ-105X	C CAP.	1µF 10V Z
	C502	NCF31AZ-105X	C CAP.	1µF 10V Z
	C503	NDC31HJ-100X	C CAP.	10pF 50V J
	C504	NDC31HJ-100X	C CAP.	10pF 50V J
	C505	QETN1EM-476Z	E CAP.	47µF 25V M
	C506	QETN1HM-106Z	E CAP.	10µF 50V M
	C507	QETN1HM-106Z	E CAP.	10µF 50V M
	C508	QETN1EM-476Z	E CAP.	47µF 25V M
	C509	NCB31HK-222X	C CAP.	2200pF 50V K
	C510	NCB31HK-222X	C CAP.	2200pF 50V K
	C551	QETN1EM-476Z	E CAP.	47µF 25V M
	C552	NCB31CK-823X	C CAP.	0.082µF 16V K
	C553	NCB31HK-123X	C CAP.	0.012µF 50V K
	C554	QETN1EM-476Z	E CAP.	47µF 25V M
	C555	NCB31HK-103X	C CAP.	0.01µF 50V K
	C556	NCB31HK-103X	C CAP.	0.01µF 50V K
	C557	QETN1HM-106Z	E CAP.	10µF 50V M
	C558	NCB31EK-273X	C CAP.	0.027µF 25V K
	C559	NCB31EK-273X	C CAP.	0.027µF 25V K
	C560	QETN1HM-106Z	E CAP.	10µF 50V M
	C561	NCF31AZ-105X	C CAP.	1µF 10V Z
	C562	NCF31AZ-105X	C CAP.	1µF 10V Z

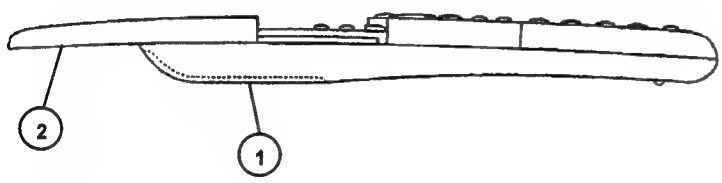
COIL

⚠	Symbol No.	Part No.	Part Name	Description
	L101	NQL085J-4R7X	INDUCTOR	
	L102	NQL085J-4R7X	INDUCTOR	
	L103	NQL085J-4R7X	INDUCTOR	
	L104	NQL085J-4R7X	INDUCTOR	

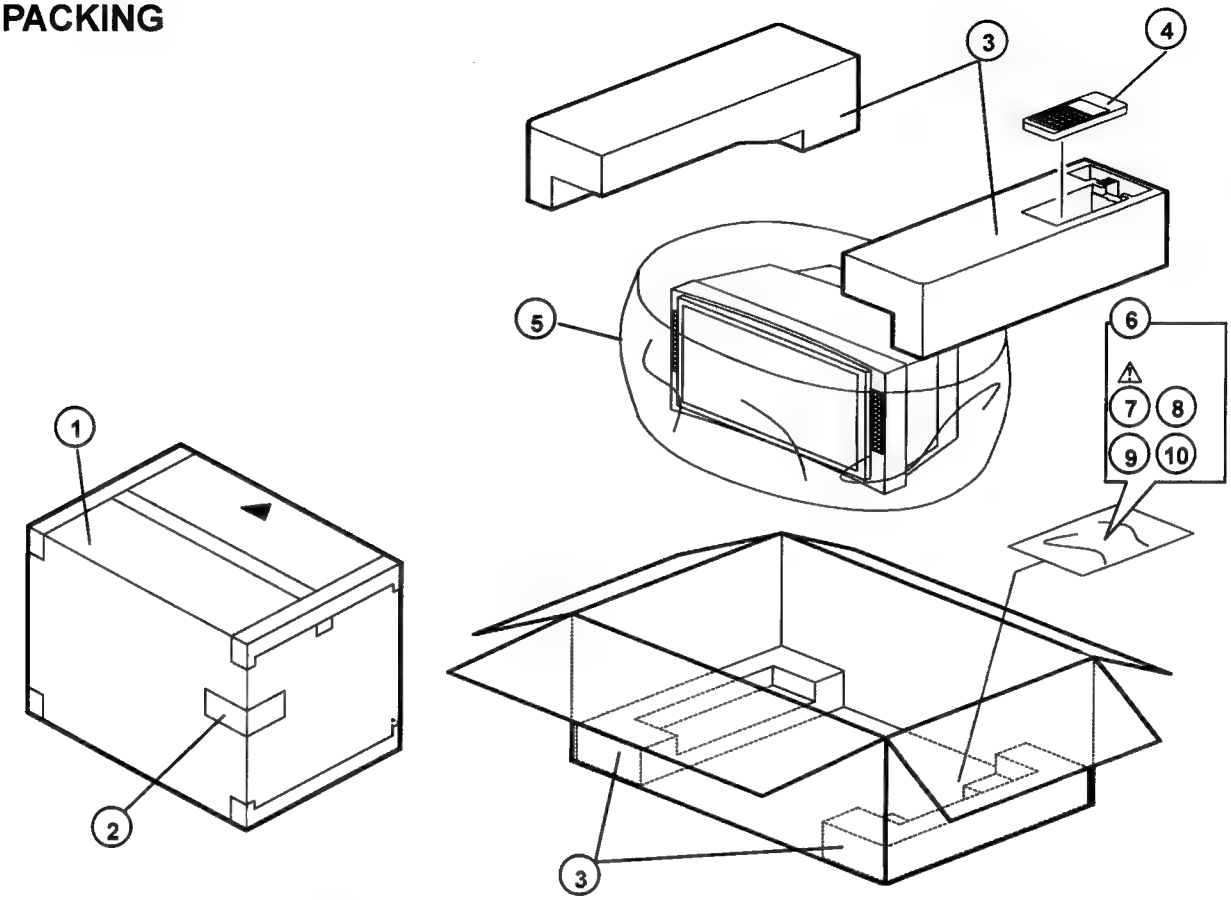
⚠ Symbol No.	Part No.	Part Name	Description
COIL			
L501	NQL085J-100X	INDUCTOR	
L502	NQL085J-100X	INDUCTOR	
DIODE			
D105	MA111-X	SI DIODE	
D501	MA3150/M/-X	Z DIODE	
D502	MA3150/M/-X	Z DIODE	
TRANSISTOR			
Q101	DTC124EKA-X	DIGI TRANSISTOR	
Q301	DTC124EKA-X	DIGI TRANSISTOR	
Q501	2SA1037AK/QR/-X	TRANSISTOR	
Q502	DTC323TK-X	DIGI TRANSISTOR	
Q503	DTC323TK-X	DIGI TRANSISTOR	
IC			
IC101	TC9471F	IC	
IC102	S-80828ANNP-W	IC	
IC201	BA10324AF-XE	IC	
IC301	TC4052BF/N/-XE	IC	
IC302	BD3869F-X	IC	
IC303	BD3869F-X	IC	
IC401	BA4558F-X	IC	
IC501	BA4558F-X	IC	
IC551	BA10324AF-XE	IC	
OTHERS			
CN012	QGB1505K1-40	B TO B CONNE	
J001	QNN0294-001	PIN JACK	
J002	QNB0006-002	PUSH TERMINAL	
LC101	NQR0313-009X	EMI FILTER	
LC102	NQR0313-009X	EMI FILTER	
X101	NAX0288-001X	CRYSTAL	

REMOTE CONTROL UNIT PARTS LIST

⚠ Ref.No.	Part No.	Part Name	Description
AV32T25EKS / AV32T55EKS / AV32T25EIS (RM-C55H-1C)			
1	2AA030733	BATTERY COVER	
2	2AA030740	SLIDE COVER	
AV32R25EKS / AV32R250EKS (RM-C60H-1C)			
1	2AA027770	BATTERY COVER	
2	2AA027760	SLIDE COVER	



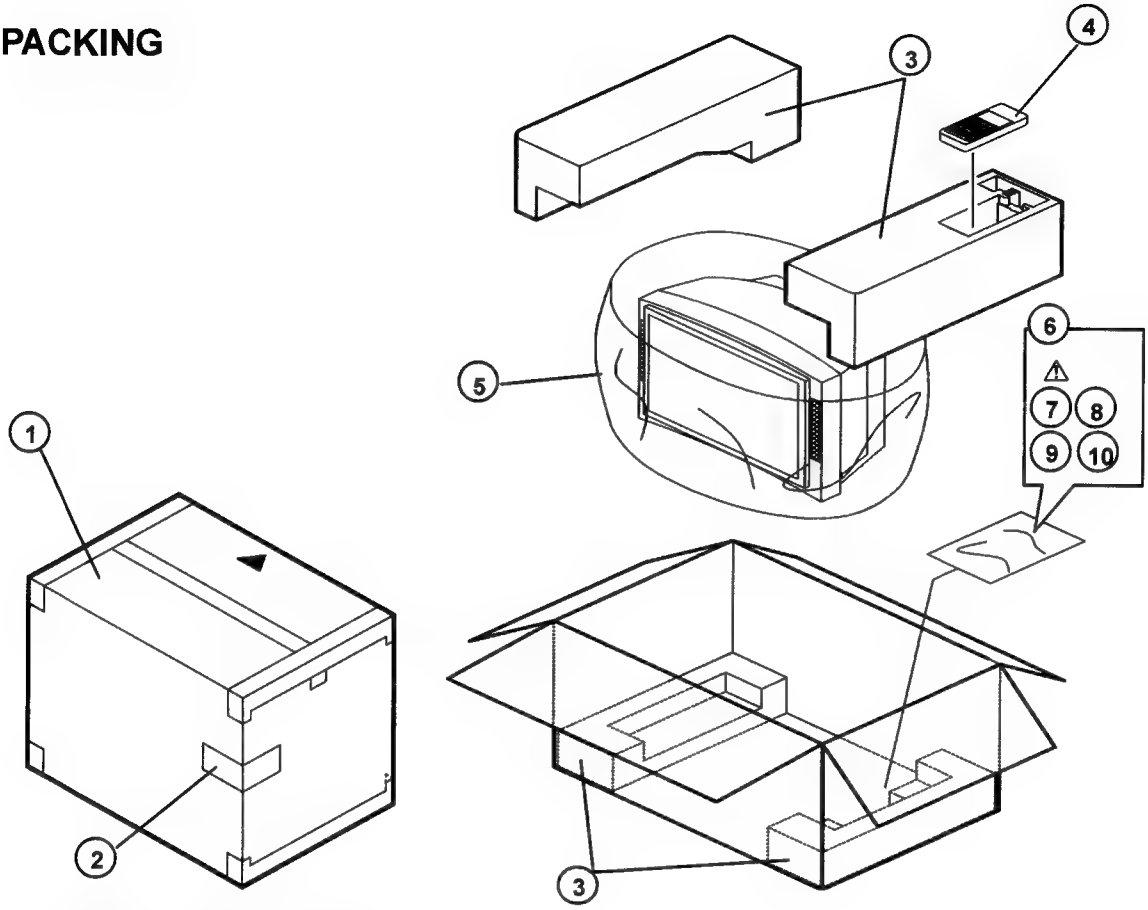
PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description
	AV32T25EKS / AV32T55EKS			
	1	LC10101-017A	PACKING CASE	
	2	AEM1064-006-E	EURO LABEL	[AV32T25EKS]
	2	AEM1064-029-E	EURO LABEL	[AV32T55EKS]
	3	LC11373-001A	CUSHION ASSY	4pcs in 1set
	4	RM-C55H-1C	RC HAND UNIT	
	5	AEM1047-A02-E	FORM BAG	
	6	AEM3021-002-E	DOCUMENT BAGS	
⚠	7	LCT1153-001A-U	INST BOOK	
	8	BT-54013-1E	WARRANTY CARD	
	9	LCT1241-001A-U	INST SHEET	
	10	AEM3148-001-E	REG CARD	
	AV32T25EIS			
	1	LC10101-017A	PACKING CASE	
	2	AEM1064-008-E	EURO LABEL	
	3	LC11373-001A	CUSHION ASSY	4pcs in 1set
	4	RM-C55H-1C	RC HAND UNIT	
	5	AEM1047-A02-E	FORM BAG	
	6	AEM3021-002-E	DOCUMENT BAGS	
⚠	7	LCT1153-001A-U	INST BOOK	
	8	BT-54013-1E	WARRANTY CARD	
	9	LCT1241-001A-U	INST SHEET	

PACKING



PACKING PARTS LIST

⚠	Ref.No.	Part No.	Part Name	Description
	AV32R25EKS			
	1	LC10101-017A	PACKING CASE	
	2	AEM1064-001-E	EURO LABEL	
	3	LC11361-001A	CUSHION ASSY	4pcs in 1set
	4	RM-C60H-1C	REMOCON	
	5	AEM1047-A02-E	FORM BAG	
	6	AEM3021-002-E	DOCUMENT BAGS	
⚠	7	LCT1152-001A-U	INST BOOK	
	8	BT-54013-1E	WARRANTY CARD	
	9	AEM3148-001-E	REG CARD	
	10	LCT1241-001A-U	INST SHEET	
	AV32R250EKS			
	1	LC10101-017A	PACKING CASE	
	2	AEM1064-016-E	EURO LABEL	
	3	LC11361-001A	CUSHION ASSY	4pcs in 1set
	4	RM-C60H-1C	REMOCON	
	5	AEM1047-A02-E	FORM BAG	
	6	AEM3021-002-E	DOCUMENT BAGS	
⚠	7	LCT1152-001A-U	INST BOOK	
	8	BT-54013-1E	WARRANTY CARD	
	9	AEM3148-001-E	REG CARD	
	10	LCT1241-001A-U	INST SHEET	

AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

JVC

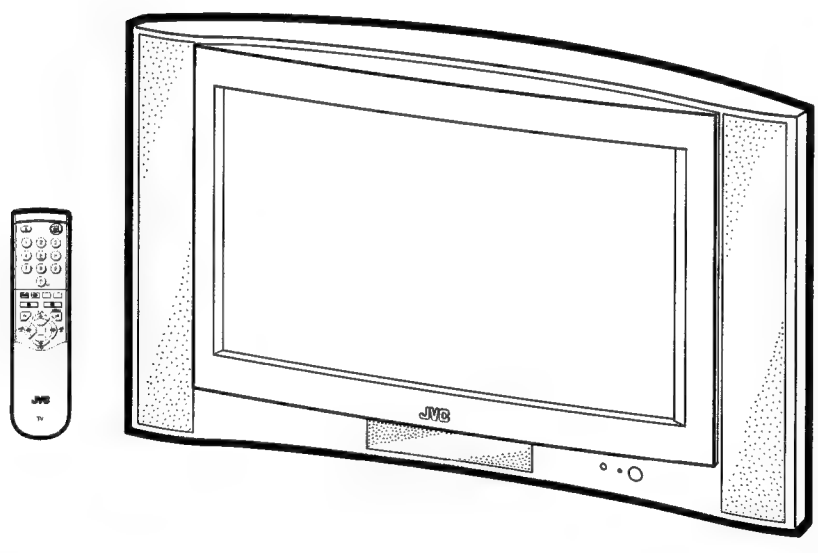
SCHEMATIC DIAGRAMS

COLOUR TELEVISION

BASIC CHASSIS
JL

AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

CD-ROM No.SML200205



CONTENTS

No.51968
May 2002

JVC

SERVICE MANUAL

COLOUR TELEVISION

AV32T25EKS/A / AV32R25EKS/A
AV32T55EKS/A / AV32R250EKS/A
AV32T25EIS/A

BASIC CHASSIS
JL

Supplementary

The following items for the A models were changed from those of the B models. Therefore, this Service Manual describes only the items which differ from those of the B models Service Manual. For details other than those described in this manual, please refer to the B models Service Manual (No.51968, May 2002) and Supplementary (No.51968B, Aug. 2002).

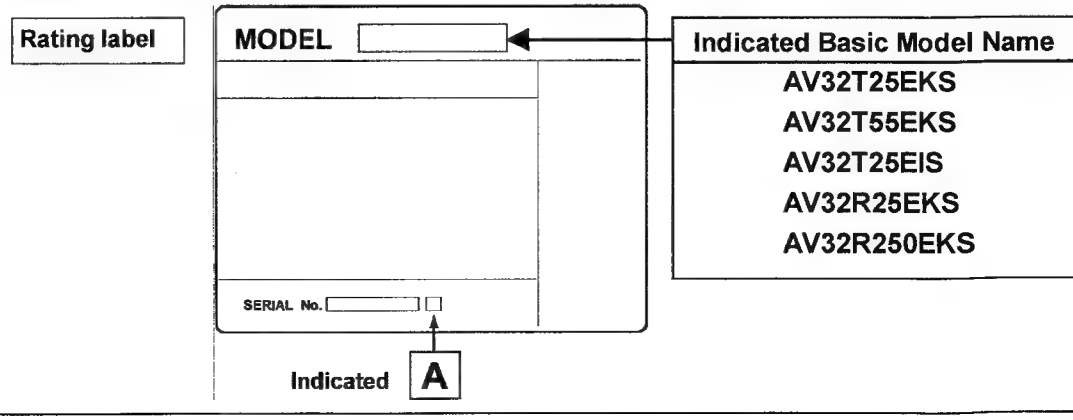
A models	B models
AV32T25EKS	AV32T25EKS/A
AV32T55EKS	AV32T55EKS/A
AV32T25EIS	AV32T25EIS/A
AV32R25EKS	AV32R25EKS/A
AV32R250EKS	AV32R250EKS/A

■ OUTLINE

Since the picture tube was changed, we have issued the SERVICE MANUAL for **AV32T25EKS/A / AV32T55EKS/A / AV32T25EIS/A / AV32R25EKS/A / AV32R250EKS/A .**

■ HOW TO IDENTIFY MODELS

A suffix "A" is added to the serial No. after at the Rating label.



No.51968C
Nov. 2002

AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

DIFFERENCE LIST

● USING PW BOARD (Page 32)

MODEL / PWB ASS'Y	AV32T25EKS AV32T55EKS AV32T25EIS	AV32T25EKS/A AV32T55EKS/A AV32T25EIS/A
MAIN PWB	SJL-1004A-U2 (AV32T25/T55EKS) SJL-1007A-U2 (AV32T25EIS)	SJL-1104A-U2 (AV32T25/T55EKS/A) SJL-1107A-U2 (AV32T25EIS/A)
POWER & DEF. PWB	SJL-2002A-H3	SJL-2102A-H3
CRT SOCKET PWB	~~SJL-3003A-H3~~ (INCORRECT) SJL-3002A-H3 (CORRECT)	SJL-3102A-H3

● USING PW BOARD (Page 32)

MODEL / PWB ASS'Y	AV32R25EKS AV32R250EKS	AV32R25EKS/A AV32R250EKS/A
MAIN PWB	SJL-1008A-U2	SJL-1108A-U2
POWER & DEF. PWB	SJL-2004A-H3	SJL-2104A-H3
CRT SOCKET PWB	SJL-3002A-H3	SJL-3102A-H3

● EXPLODED VIEW PARTS LIST (2) (Page 34)

⚠	Ref. No.	Parts No.		Parts Name	Description
		AV32T25EKS AV32T55EKS AV32T25EIS	AV32T25EKS/A AV32T55EKS/A AV32T25EIS/A		
⚠	V01	W76QDD257X08	W76QEN881X100	PICTURE TUBE (ITC)	
⚠	17	LC11364-004A-U	LC11364-021A-U	RATING LABEL	[AV32T25EKS/A]
⚠	17	LC11364-014A-U	LC11364-022A-U	RATING LABEL	[AV32T55EKS/A]
⚠	17	LC11364-017A-U	LC11364-023A-U	RATING LABEL	[AV32T25EIS/A]

● PRINTED WIRING BOARD PARTS LIST [AV32T25EKS/A] [AV32T55EKS/A] [AV32T25EIS/A]

MAIN P.W. BOARD ASS'Y [AV32T25EKS/A] [AV32T55EKS/A] (Page 36～38) / [AV32T25EIS/A] (Page 39～41)

⚠	Symbol No.	Parts No.		Parts name	Description
		SJL-1004A-U2 (AV32T25/T55EKS) SJL-1007A-U2 (AV32T25EIS)	SJL-1104A-U2 (AV32T25/T55EKS/A) SJL-1107A-U2 (AV32T25EIS/A)		
	R420	NRSA63J-123X	NRSA63J-183X	MG R	18KΩ 1/16W J

POWER & DEF. P.W. BOARD ASS'Y (Page 42～43)

⚠	Symbol No.	Parts No.		Parts name	Description
		SJL-2002A-H3	SJL-2102A-H3		
⚠	R554	QRZ9022-R47	QRZ9022-R82	F R	0.82 Ω 1W K
	R561	QRL029J-220	QRL029J-221	OM R	220 Ω 2W J
	C407	QFLC1HJ-102Z	QFLC1HJ-122Z	M CAP.	1200pF 50V J
⚠	C521	QFZ0200-452	QFZ0200-472	MPP CAP.	4700pF1.5kVH±3%
	C542	QFZ0197-104	QFZ0197-154	MPP CAP.	0.15μF 250V J
	C561	QFLC1HJ-683Z	QFLC1HJ-473Z	M CAP.	0.047μF 50V J
⚠	Q521	2SD2553-LB	2SC5902-RL	POWER TRANSISTOR	H.OUT

CRT SOCKET P.W. BOARD ASS'Y (Page 44)

⚠	Symbol No.	Parts No.		Parts name	Description
		SJL-3002A-H3	SJL-3102A-H3		

The number of PWB have been changed. However, there is no change in component parts.

● EXPLODED VIEW PARTS LIST (2) (Page 48)

⚠	Ref. No.	Parts No.		Parts Name	Description
		AV32R25EKS AV32R250EKS	AV32R25EKS/A AV32R250EKS/A		
⚠	V01	W76QDD257X08	**W76QEN881X100**	PICTURE TUBE (ITC)	
⚠	17	LC11364-002A-U	**LC11364-019A-U**	RATING LABEL	[AV32R25EKS/A]
⚠	17	LC11364-015A-U	**LC11364-020A-U**	RATING LABEL	[AV32R250EKS/A]

● PRINTED WIRING BOARD PARTS LIST [AV32R25EKS/A] [AV32R250EKS/A]

MAIN P.W. BOARD ASS'Y (Page 50～52)

⚠	Symbol No.	Parts No.		Parts name	Description
		SJL-1008A-U2	SJL-1108A-U2		
	R420	NRSA63J-123X	**NRSA63J-183X**	MG R	18KΩ 1/16W J
	R613	NRSA63J-104X	————	MG R	Delete

POWER & DEF. P.W. BOARD ASS'Y (Page 53～54)

⚠	Symbol No.	Parts No.		Parts name	Description
		SJL-2004A-H3	SJL-2104A-H3		
⚠	R554	QRZ9022-R47	**QRZ9022-R82**	F R	0.82 Ω 1W K
	R561	QRL029J-220	**QRL029J-221**	OM R	220 Ω 2W J
	C407	QFLC1HJ-102Z	**QFLC1HJ-122Z**	M CAP.	1200pF 50V J
⚠	C521	QFZ0200-452	**QFZ0200-472**	MPP CAP.	4700pF1.5kVH±3%
	C542	QFZ0197-104	**QFZ0197-154**	MPP CAP.	0.15μF 250V J
	C561	QFLC1HJ-683Z	**QFLC1HJ-473Z**	M CAP.	0.047μF 50V J
⚠	Q521	2SD2553-LB	**2SC5902-RL**	POWER TRANSISTOR	H.OUT

CRT SOCKET P.W. BOARD ASS'Y (Page 55)

⚠	Symbol No.	Parts No.		Parts name	Description
		SJL-3002A-H3	SJL-3102A-H3		

The number of PWB have been changed. However, there is no change in component parts.

● PACKING PARTS LIST (Page 61)

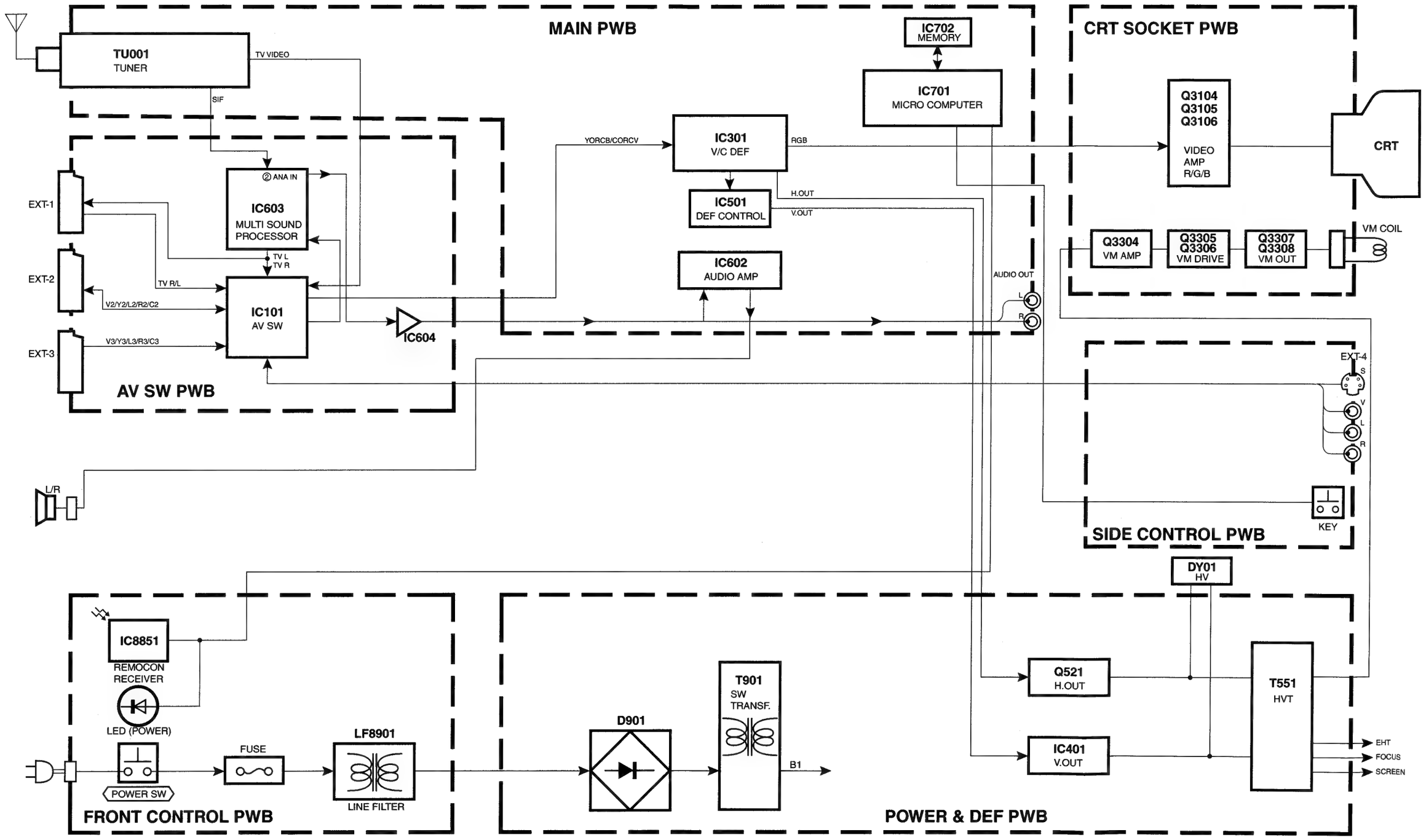
⚠	Ref. No.	Parts No.		Parts Name	Description
		AV32T25EKS AV32T55EKS AV32T25EIS	AV32T25EKS/A AV32T55EKS/A AV32T25EIS/A		
	2	AEM1064-006-E	**AEM1064-038-E**	EURO LABEL	[AV32T25EKS/A]
	2	AEM1064-029-E	**AEM1064-039-E**	EURO LABEL	[AV32T55EKS/A]
	2	AEM1064-008-E	**AEM1064-040-E**	EURO LABEL	[AV32T25EIS/A]

● PACKING PARTS LIST (Page 62)

⚠	Ref. No.	Parts No.		Parts Name	Description
		AV32R25EKS AV32R250EKS	AV32R25EKS/A AV32R250EKS/A		
	2	AEM1064-001-E	**AEM1064-036-E**	EURO LABEL	[AV32R25EKS/A]
	2	AEM1064-016-E	**AEM1064-037-E**	EURO LABEL	[AV32R250EKS/A]

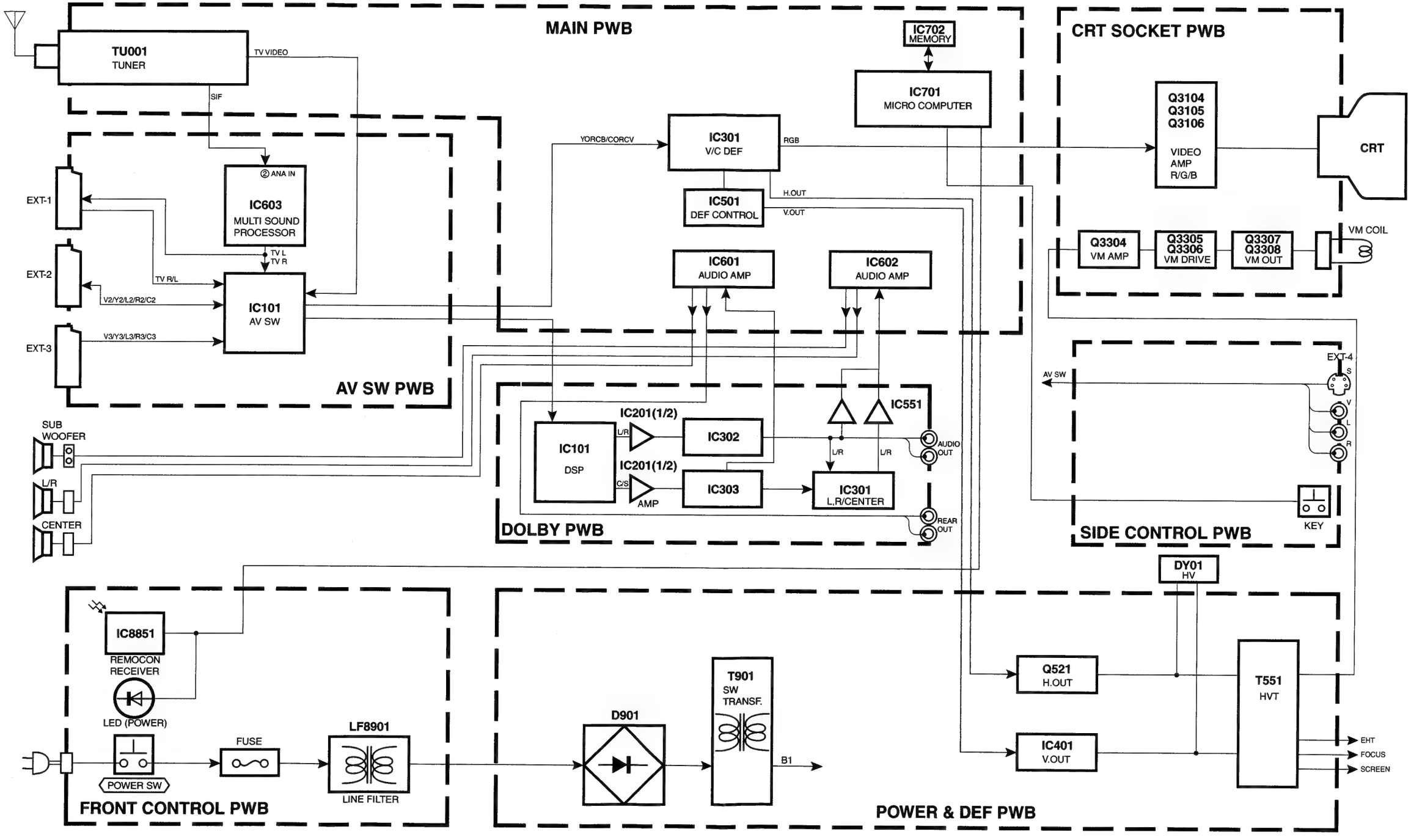
AV32T25EKS
AV32T55EKS
AV32T25EIS

BLOCK DIAGRAM (AV32T25EKS / AV32T25EIS / AV32T55EKS)



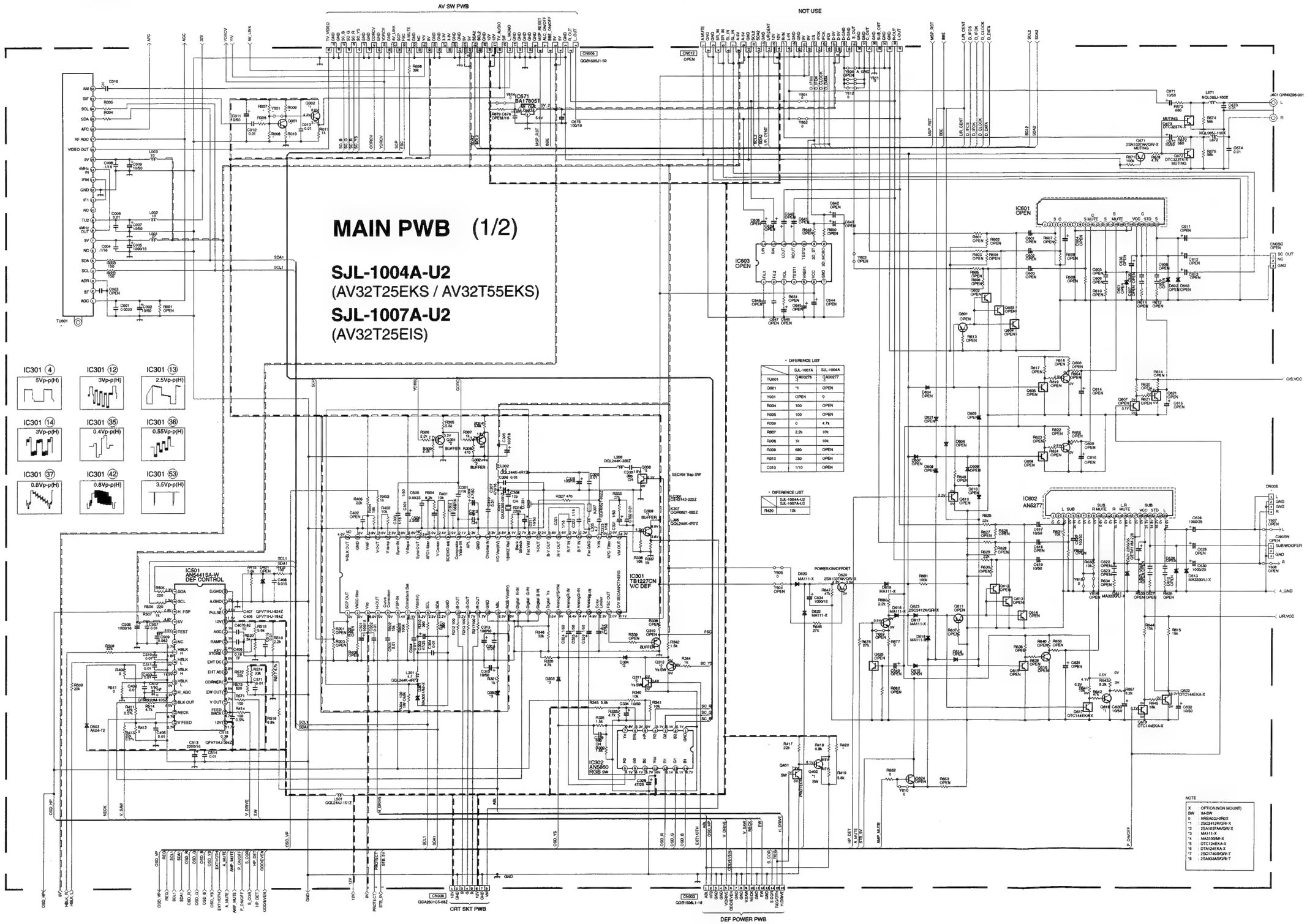
AV32R25EKS
AV32R250EKS

BLOCK DIAGRAM (AV32R25EKS / AV32R250EKS)



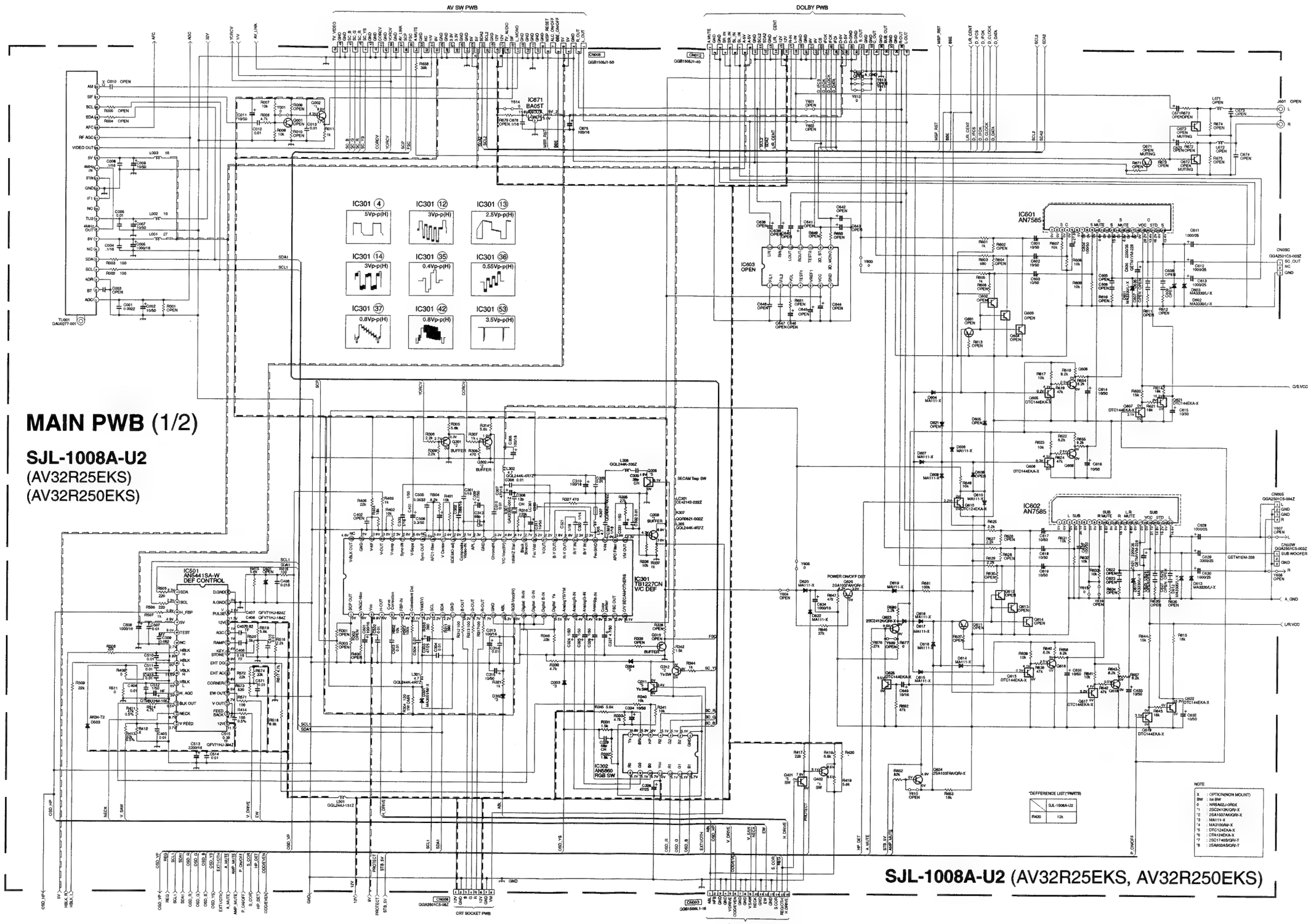
AV32T25EKS
AV32T55EKS
AV32T25EIS

CIRCUIT DIAGRAMS *MAIN PWB CIRCUIT DIAGRAMS* [1/2]



AV32R25EKS
AV32R250EKS

***MAIN PWB CIRCUIT DIAGRAMS* [1/2]**



MAIN PWB (1/2)

SJL-1008A-U2

(AV32R25EKS)
(AV32R250EKS)

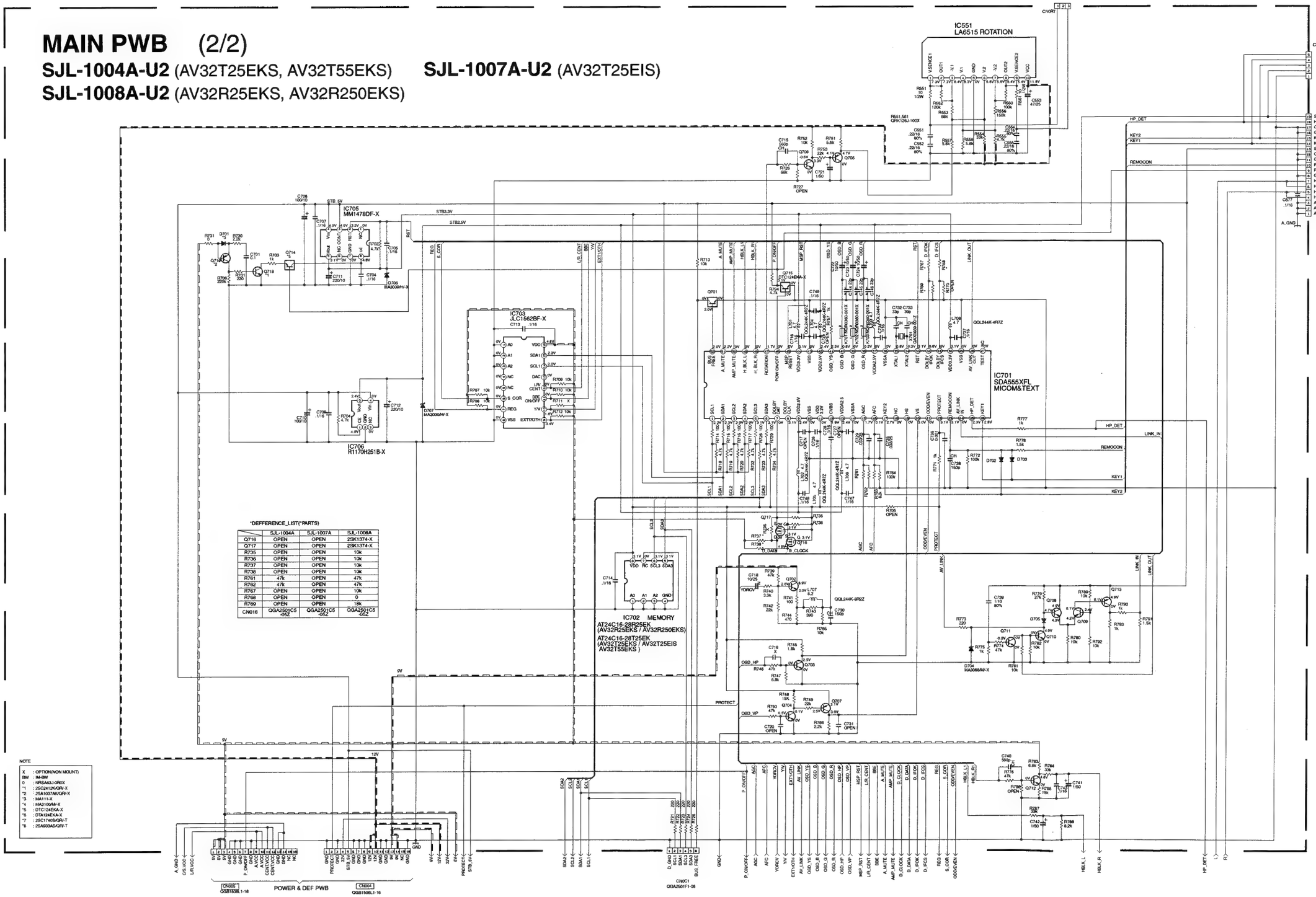
AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

MAIN PWB CIRCUIT DIAGRAM **[2/2]**

MAIN PWB (2/2)

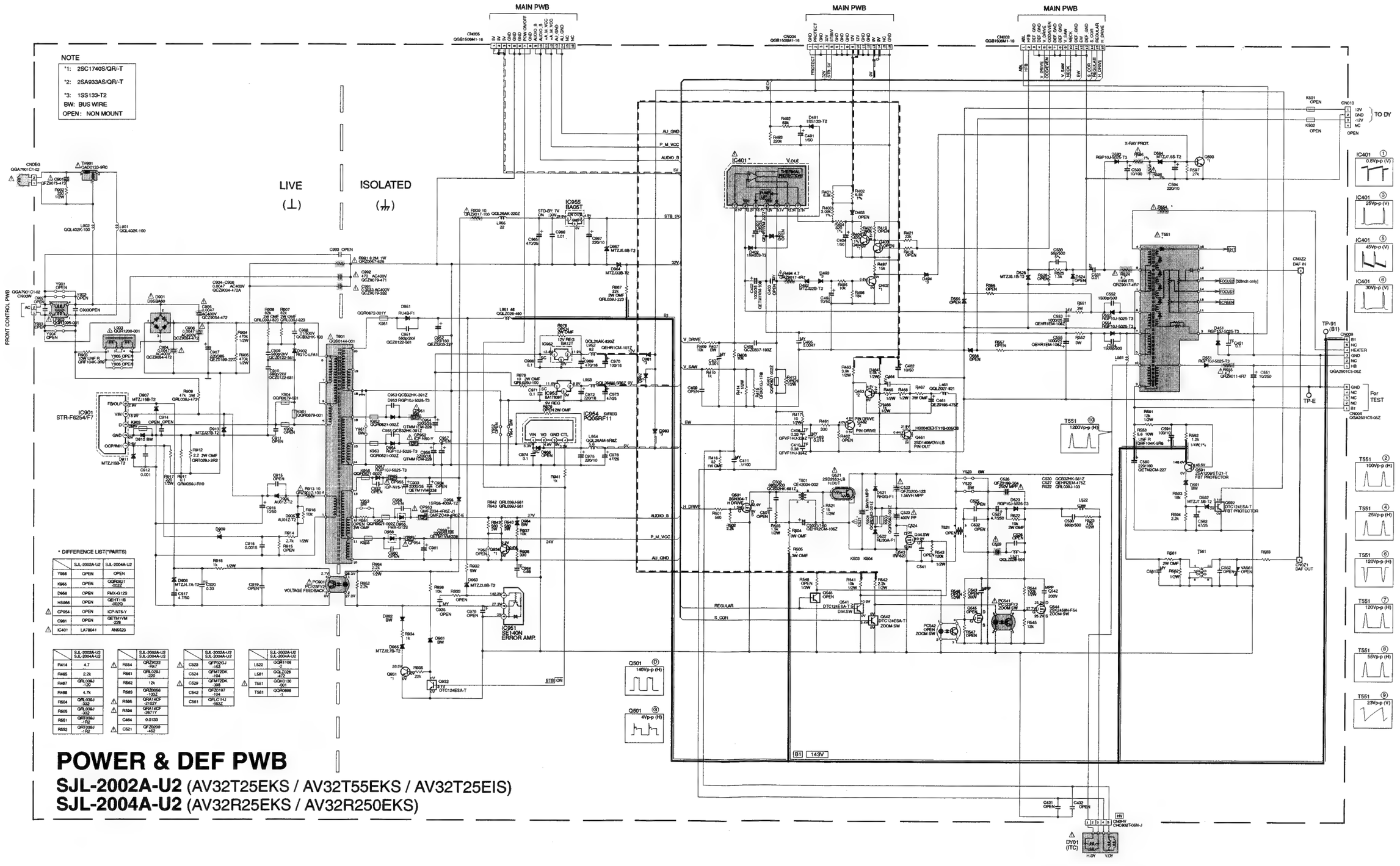
SJL-1004A-U2 (AV32T25EKS, AV32T55EKS) **SJL-1007A-U2** (AV32T25EIS)

SJL-1008A-U2 (AV32R25EKS, AV32R250EKS)



AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

POWER & DEF PWB CIRCUIT DIAGRAM



	SJL-2002A-U2	SJL-2004A-U2
Y956	OPEN	OPEN
K955	OPEN	QQR0521 -002Z
D958	OPEN	FMX-G12S
H5956	OPEN	QEHT11B -002G
CP964	OPEN	ICP-N75-Y
C981	OPEN	QETMYVM -228
IC401	LA78041	AN5623

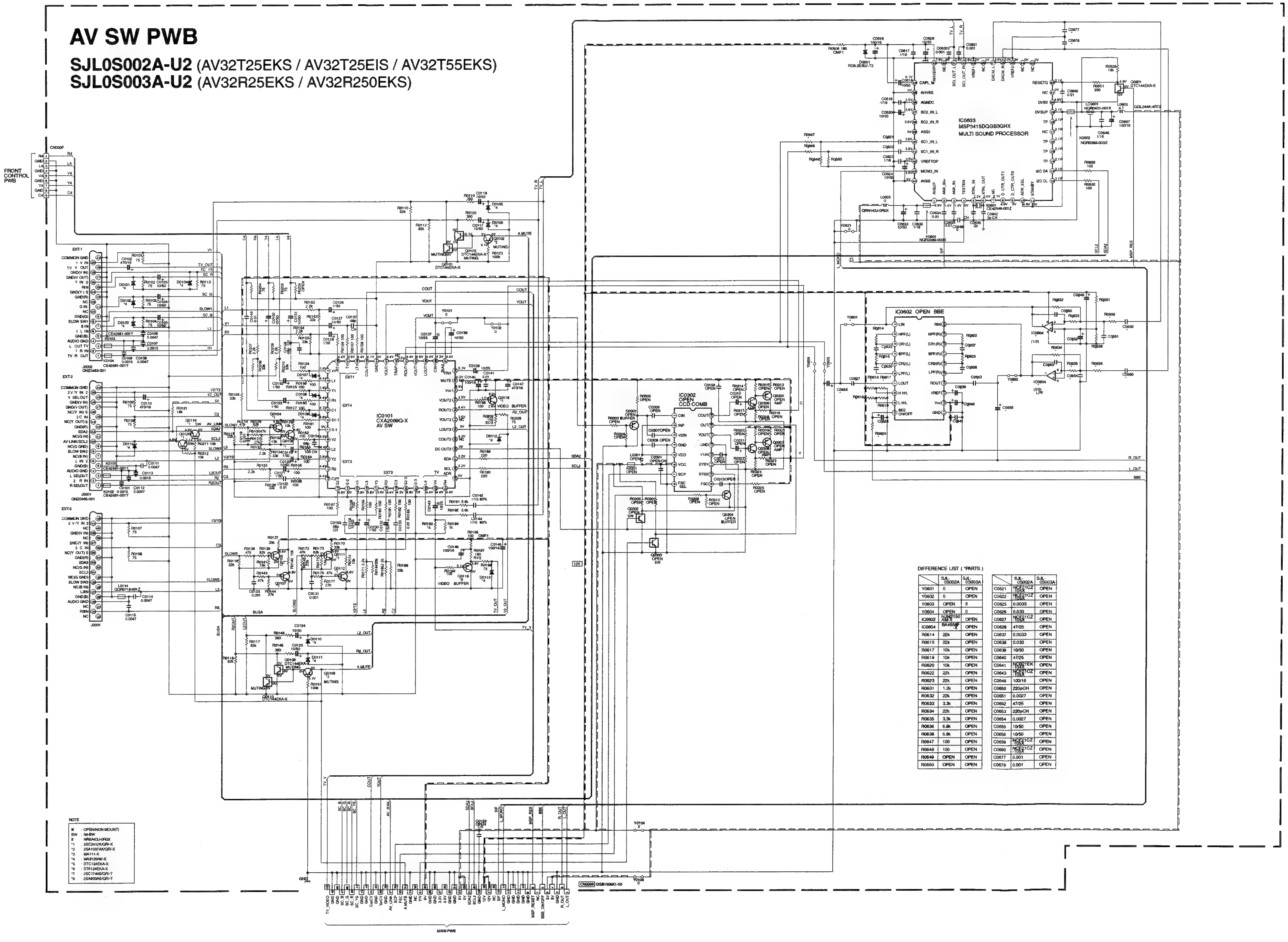
	SJL-2002A-U2 SJL-2004A-U2
R414	4.7
R465	2.2k
R487	GRL039J -120
R488	4.7k
R504	GRL039J -332
R505	GRL039J -332
R551	GRT039J -1R2
R552	GRT039J -1R2

	SJL-2002A-U2 SJL-2004A-U2
R554	QRZ0022 -RA1
R561	GRL039J -220
R562	12k
R583	QRZ0056 -102Z
R595	QRA14CF -2102Y
R596	QRA14CF -2611Y
C464	0.0133
C521	QFZ0200 -462

	SJL-2002A-U2 SJL-2004A-U2
C523	QFP102J -152
C524	QFM72DK -104
C529	QFM72DK -393
C542	QFZ0197 -104
C561	QFLC11U -682Z

	SJL-2002A-U2 SJL-2004A-U2
L522	QQR1106 -152
L561	QQL2026 -472
T551	QQH0130 -001
T561	QQR0899 -1

AV SW PWB CIRCUIT DIAGRAM



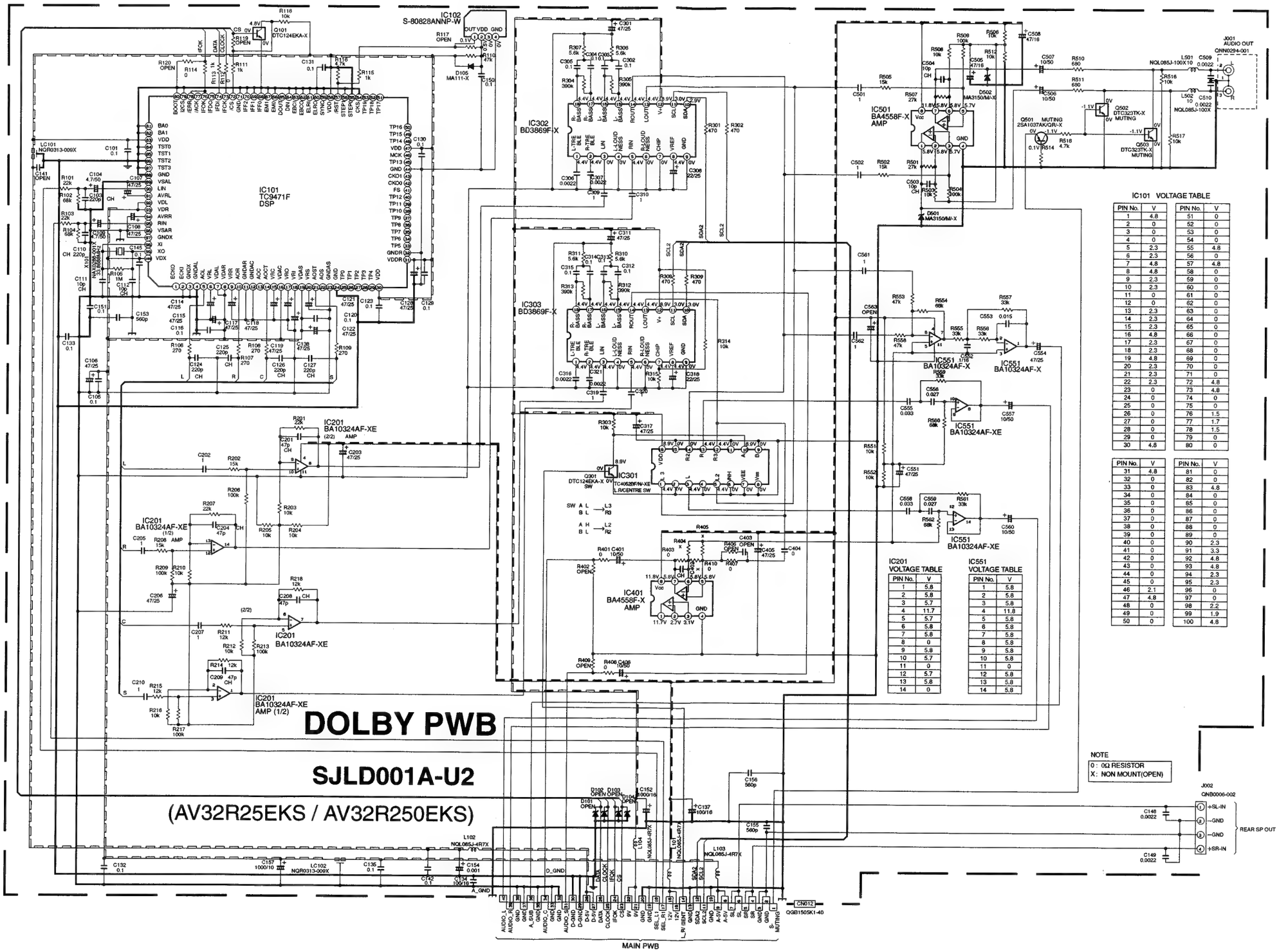
DIFFERENCE LIST (*PARTS)

	SJL-0S002A	SJL-0S003A
Y0601	0	OPEN
Y0602	0	OPEN
Y0603	OPEN	■
Y0604	OPEN	0
IC0602	NJM2150AM-X	OPEN
IC0604	BA4558F-X	OPEN
R0614	22k	OPEN
R0615	22k	OPEN
R0617	10k	OPEN
R0619	10k	OPEN
R0620	10k	OPEN
R0622	22k	OPEN
R0623	22k	OPEN
R0631	1.2k	OPEN
R0632	22k	OPEN
R0633	3.3k	OPEN
R0634	22k	OPEN
R0635	3.3k	OPEN
R0636	6.8k	OPEN
R0638	6.8k	OPEN
R0647	100	OPEN
R0648	100	OPEN
R0649	OPEN	OPEN
R0650	OPEN	OPEN

	SJL-0S002A	SJL-0S003A
C0621	NCE21CZ-105X	OPEN
C0622	NCE21CZ-105X	OPEN
C0625	0.0033	OPEN
C0626	0.033	OPEN
C0627	NCE21CZ-105X	OPEN
C0628	47/25	OPEN
C0637	0.0033	OPEN
C0638	0.033	OPEN
C0639	10/50	OPEN
C0640	47/25	OPEN
C0641	NCB21EK-104X	OPEN
C0643	NCE21CZ-105X	OPEN
C0649	100/16	OPEN
C0650	220pCH	OPEN
C0651	0.0027	OPEN
C0652	47/25	OPEN
C0653	220pCH	OPEN
C0654	0.0027	OPEN
C0655	10/50	OPEN
C0656	10/50	OPEN
C0659	NCE21CZ-105X	OPEN
C0660	NCE21CZ-105X	OPEN
C0677	0.001	OPEN
C0678	0.001	OPEN

AV32R25EKS
AV32R250EKS

DOLBY PWB CIRCUIT DIAGRAM



IC101 VOLTAGE TABLE

PIN No.	V	PIN No.	V
1	4.8	51	0
2	0	52	0
3	0	53	0
4	0	54	0
5	2.3	55	4.8
6	2.3	56	0
7	4.8	57	4.8
8	4.8	58	0
9	2.3	59	0
10	2.3	60	0
11	0	61	0
12	0	62	0
13	2.3	63	0
14	2.3	64	0
15	2.3	65	0
16	4.8	66	0
17	2.3	67	0
18	2.3	68	0
19	4.8	69	0
20	2.3	70	0
21	2.3	71	0
22	2.3	72	4.8
23	0	73	4.8
24	0	74	0
25	0	75	0
26	0	76	1.5
27	0	77	1.7
28	0	78	1.5
29	0	79	0
30	4.8	80	0

PIN No.	V	PIN No.	V
31	4.8	81	0
32	0	82	0
33	0	83	4.8
34	0	84	0
35	0	85	0
36	0	86	0
37	0	87	0
38	0	88	0
39	0	89	0
40	0	90	2.3
41	0	91	3.3
42	0	92	4.8
43	0	93	4.8
44	0	94	2.3
45	0	95	2.3
46	2.1	96	0
47	4.8	97	0
48	0	98	2.2
49	0	99	1.9
50	0	100	4.8

IC201 VOLTAGE TABLE

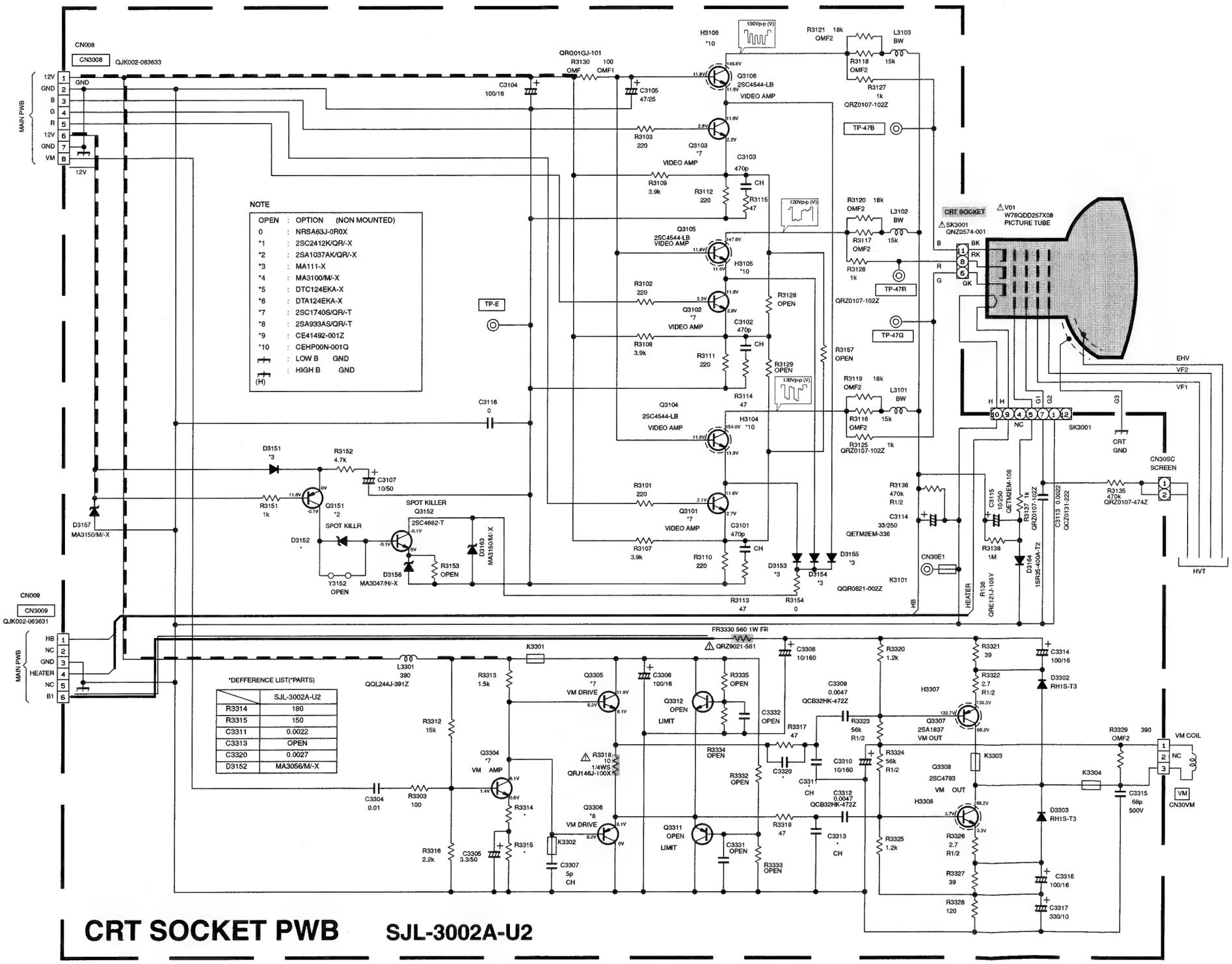
PIN No.	V
1	5.8
2	5.8
3	5.7
4	11.7
5	5.7
6	5.8
7	5.8
8	0
9	5.8
10	5.7
11	0
12	5.7
13	5.8
14	0

IC551 VOLTAGE TABLE

PIN No.	V
1	5.8
2	5.8
3	5.8
4	11.8
5	5.8
6	5.8
7	5.8
8	5.8
9	5.8
10	5.8
11	0
12	5.8
13	5.8
14	5.8

AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

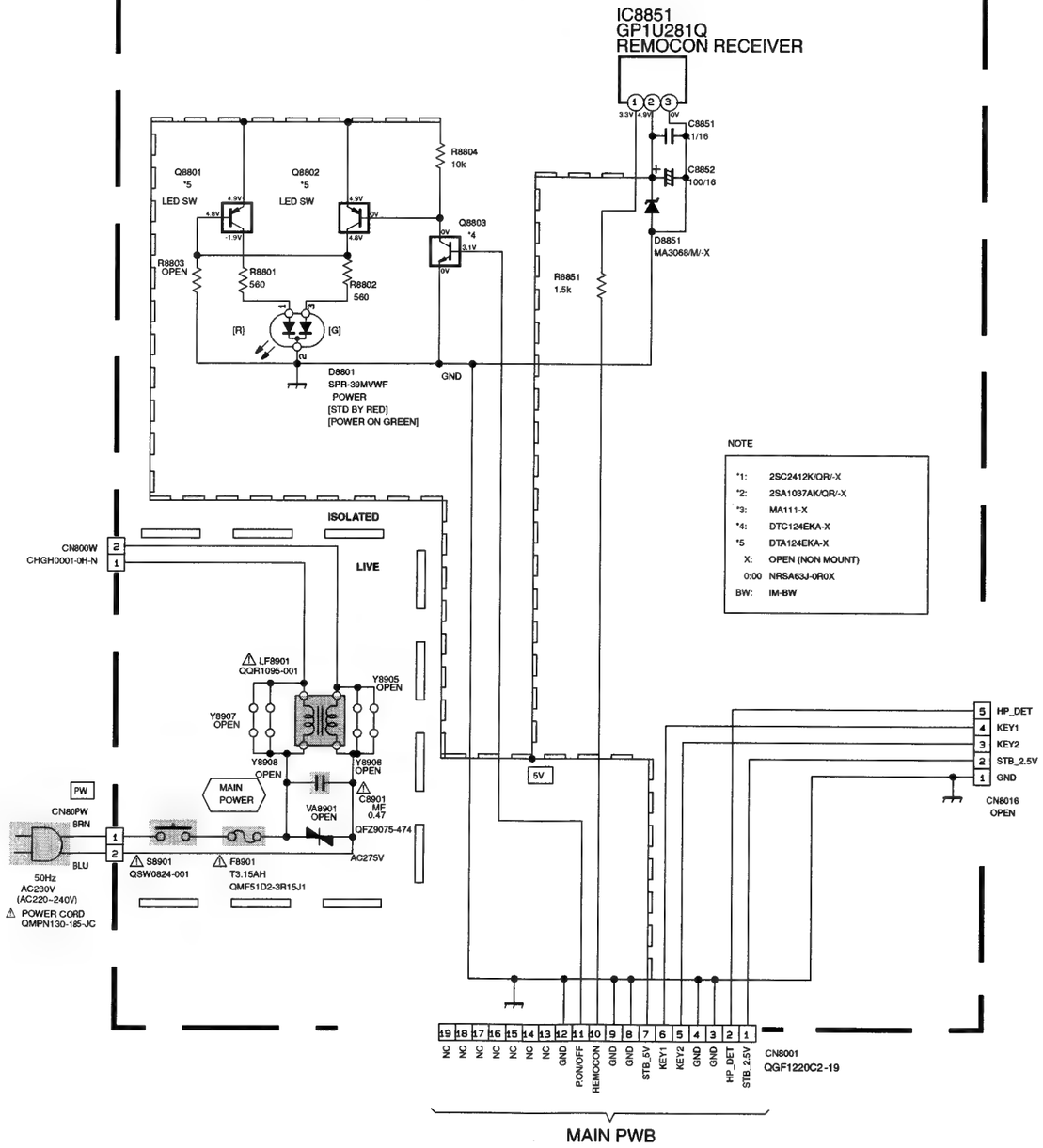
CRT SOCKET PWB CIRCUIT DIAGRAM



CRT SOCKET PWB SJL-3002A-U2

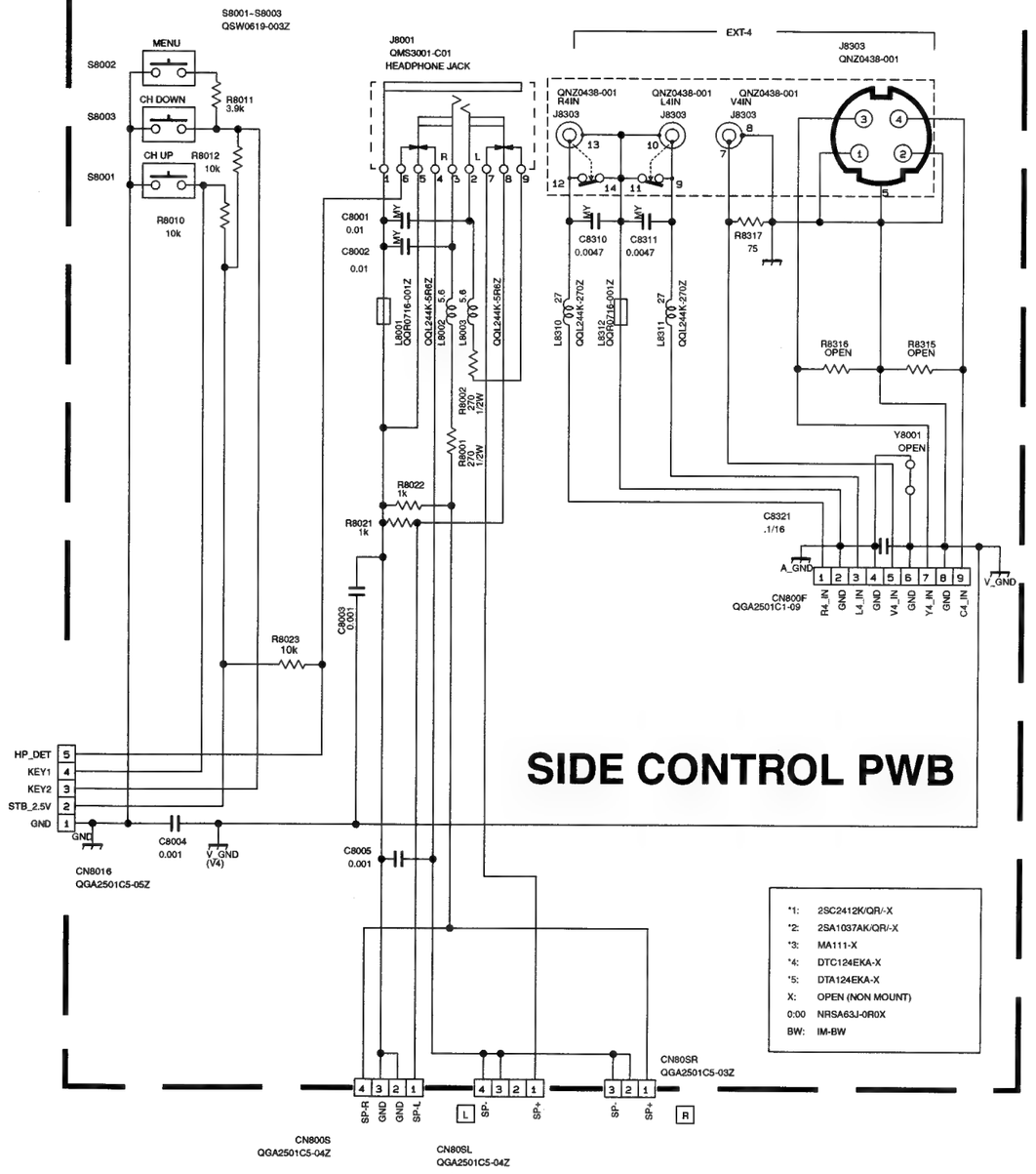
FRONT CONTROL PWB CIRCUIT DIAGRAM

FRONT CONTROL PWB
SJL-8004A-U2



SIDE CONTROL PWB CIRCUIT DIAGRAM

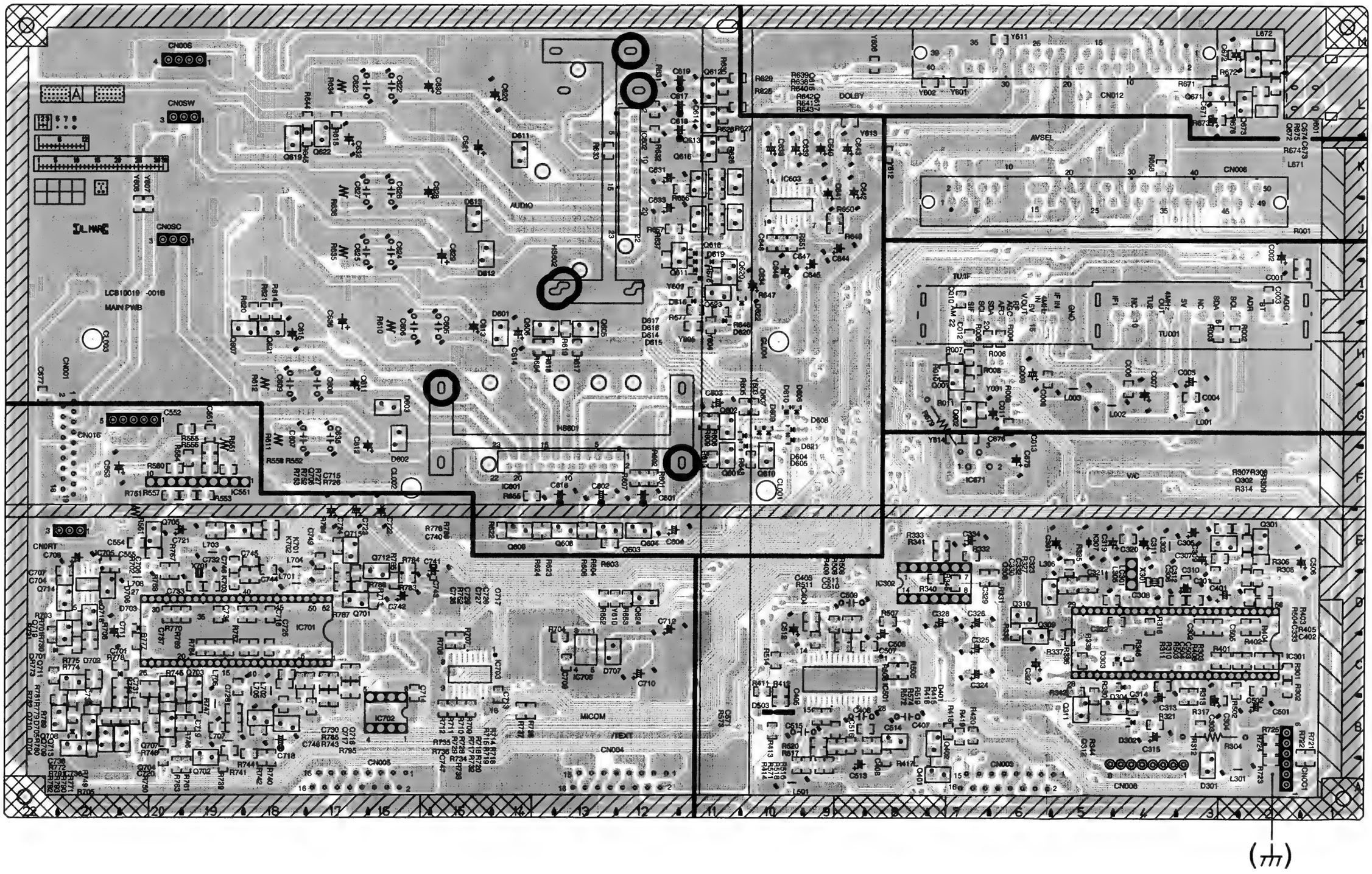
SJL-8104A-U2 (AV32T25EKS / AV32T25EIS / AV32T55EKS)
SJL-8102A-U2 (AV32R25EKS / AV32R250EKS)



AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

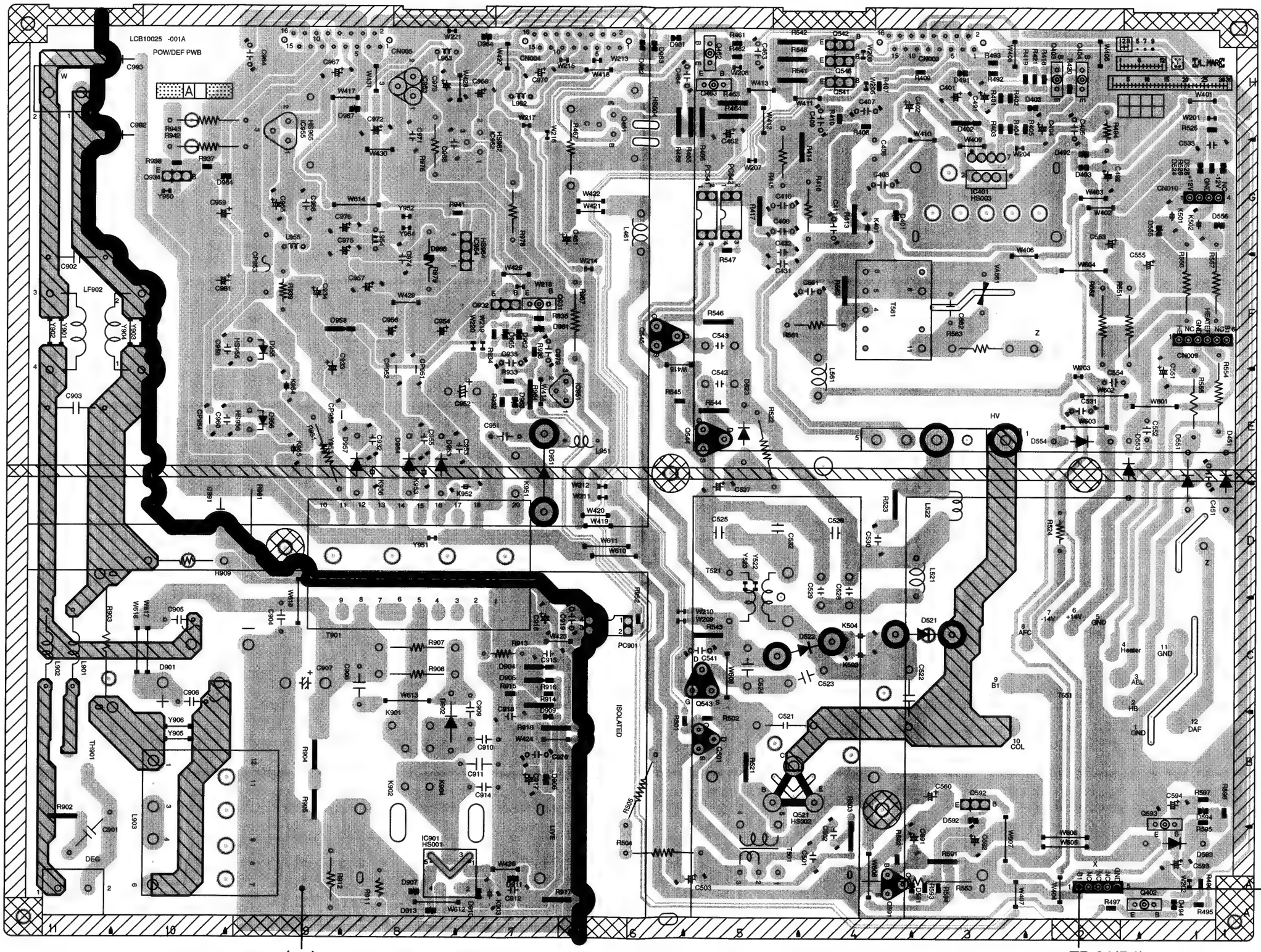
PATTERN DIAGRAMS *MAIN PWB PATTERN*

FRONT

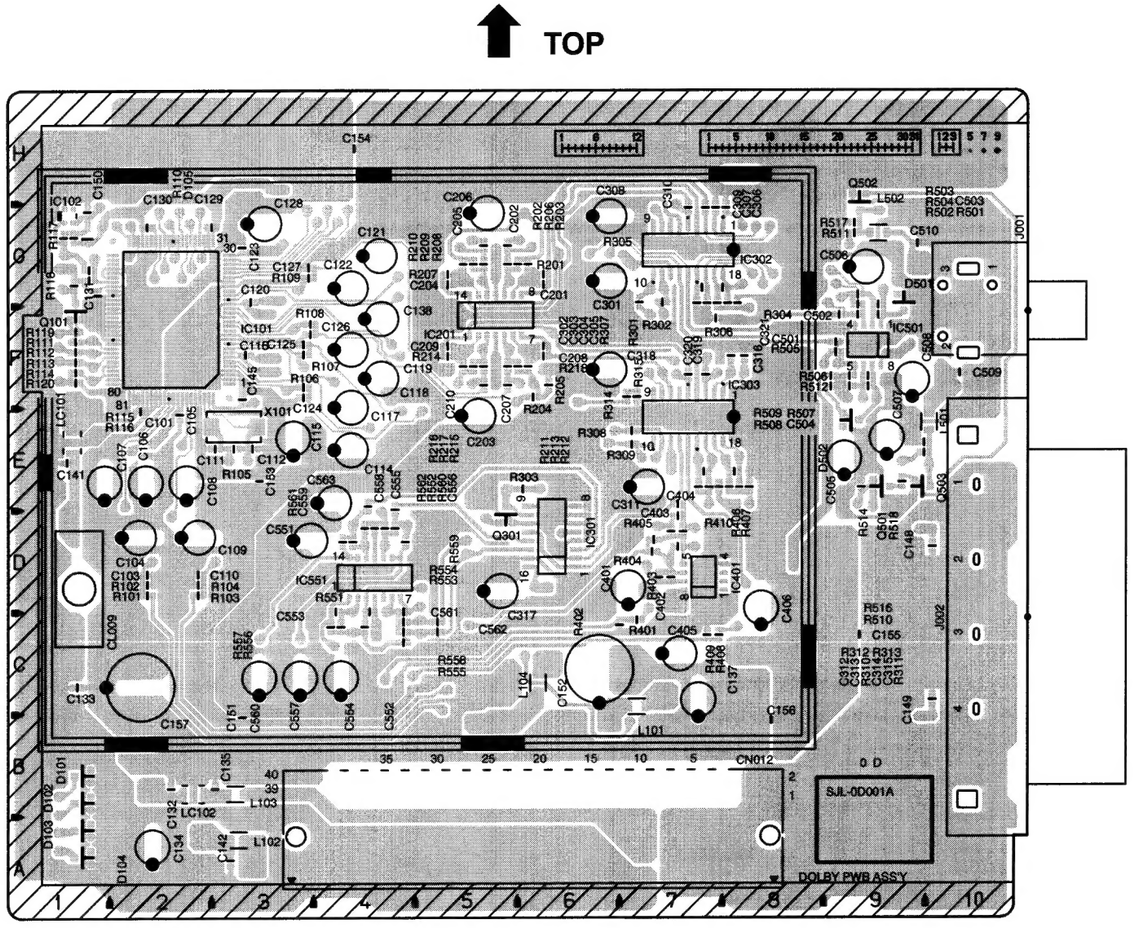


AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

POWER & DEF PWB PATTERN



DOLBY PWB PATTERN (PARTS SIDE) (AV32R25EKS / AV32R250EKS)



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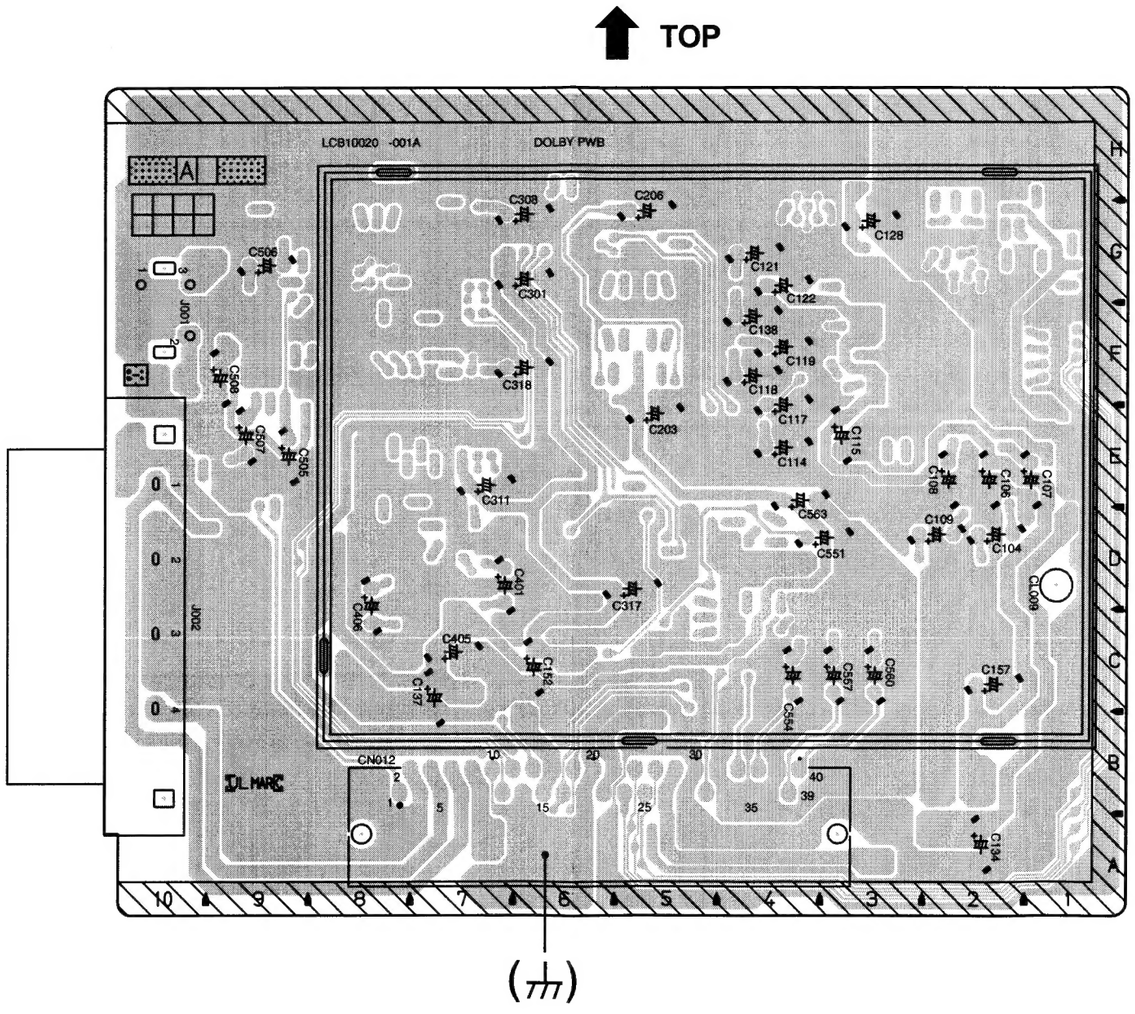
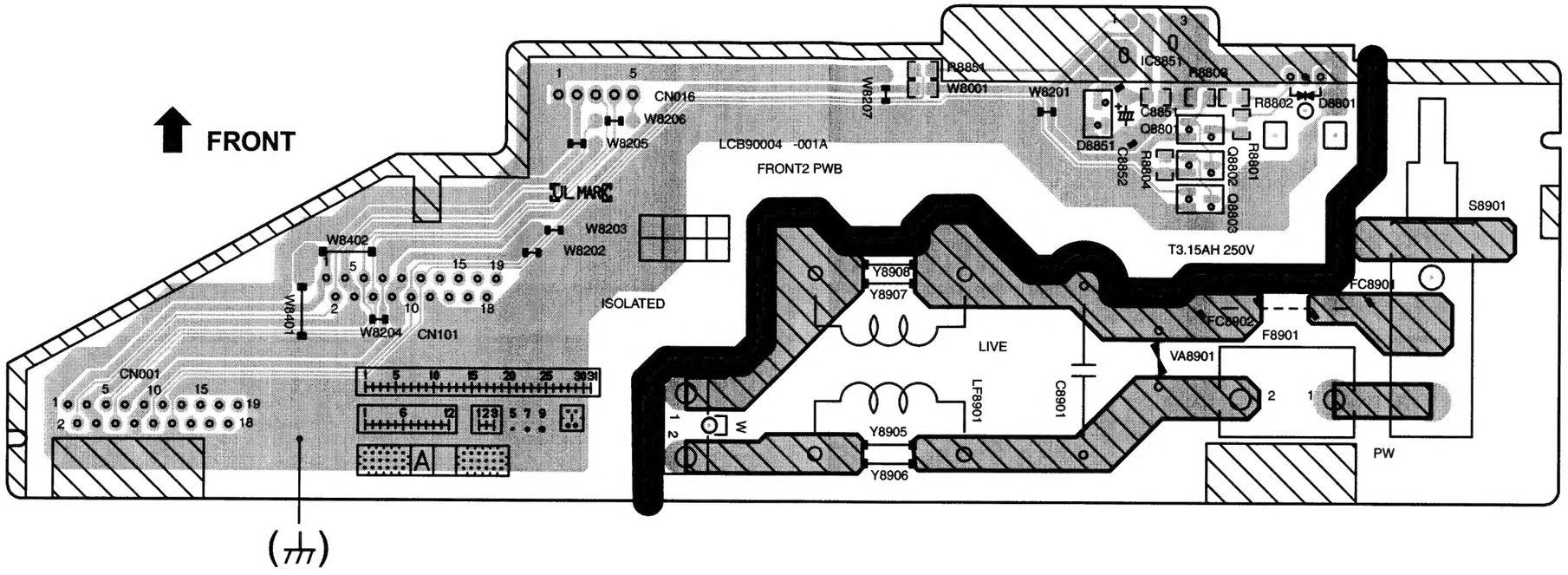
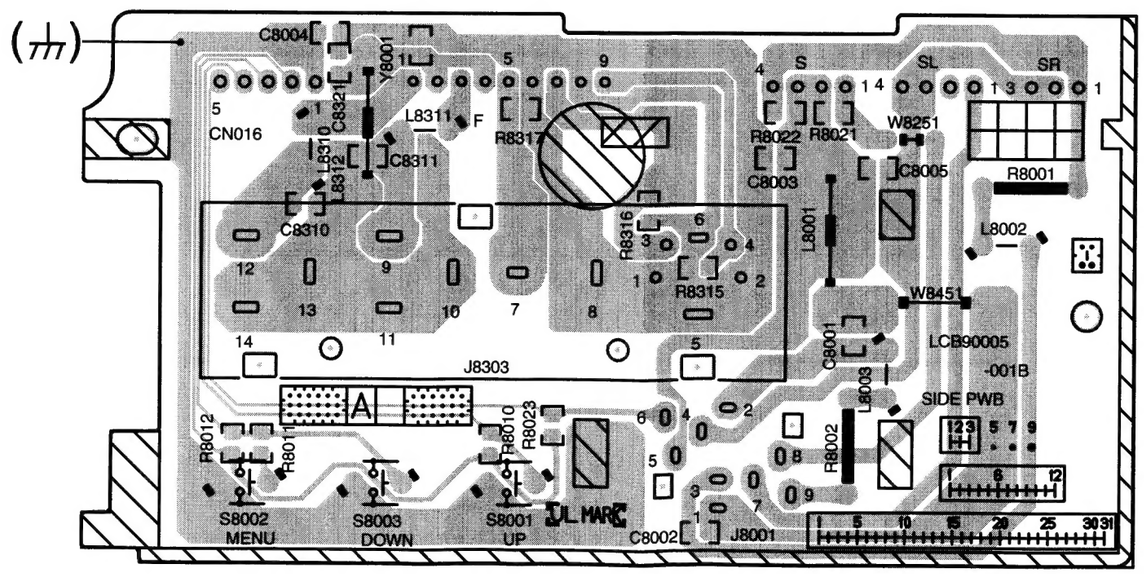


AV32T25EKS / AV32R25EKS
AV32T55EKS / AV32R250EKS
AV32T25EIS

FRONT CONTROL PWB PATTERN



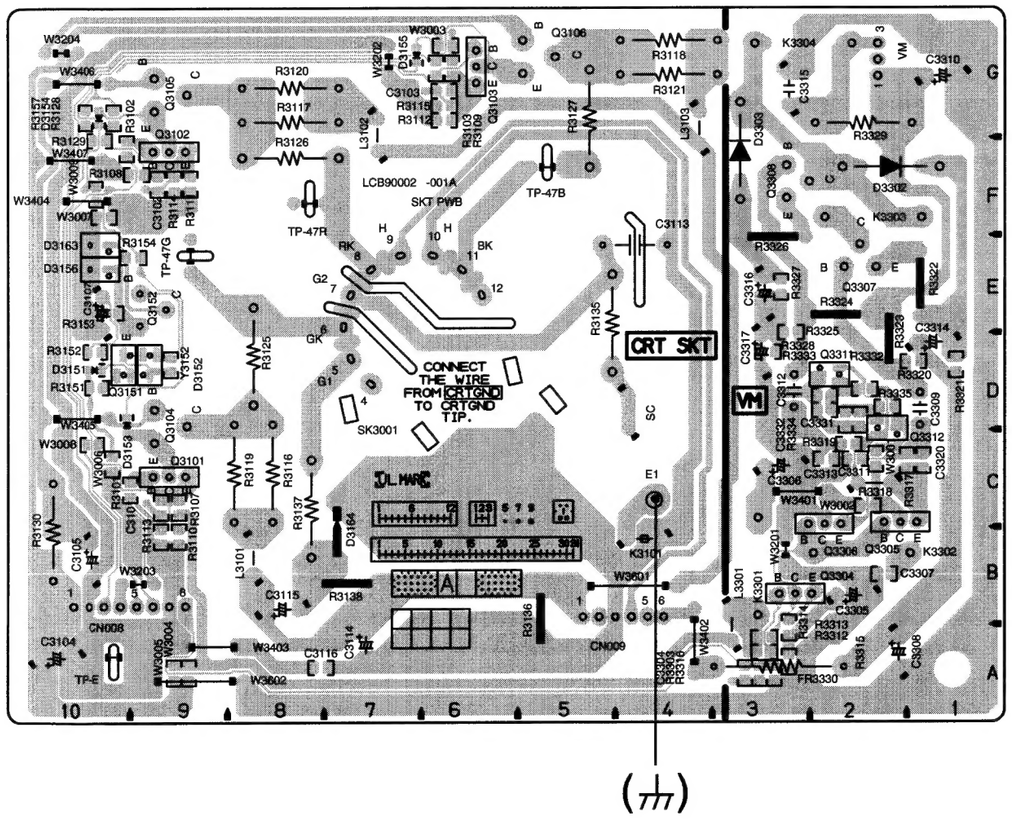
SIDE CONTROL PWB PATTERN



TOP ➡

CRT SOCKET PWB PATTERN

TOP



VP0205
DP8080

AV32T25EKS / AV32T25EIS / AV32T55EKS AV32R25EKS / AV32R250EKS STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the ⚠ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	:DC 20kΩ /V
(4)Oscilloscope sweeping time	:H ⇒ 20μS/div :V ⇒ 5mS/div :Others ⇒ Sweeping time is specified
(5)Voltage values	:All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board :R1209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	:[Ω]
K	:[K Ω]
M	:[M Ω]

● Rated allowable power

No indication	:1/ 16 [W]
Others	:As specified

● Type

No indication	:Carbon resistor
OMR	:Oxide metal film resistor
MFR	:Metal film resistor
MPR	:Metal plate resistor
UNFR	:Uninflammable resistor
FR	:Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	:[pF]
less than 1	:[μF]

● Withstand voltage

No indication	:DC50[V]
Others	:DC withstand voltage [V]
AC indicated	:AC withstand voltage [V]

* Electrolytic Capacitors
47/50[Example]:Capacitance value [μF]/withstand voltage[V]

● Type

No indication	:Ceramic capacitor
MM	:Metalized mylar capacitor
PP	:Polypropylene capacitor
MPP	:Metalized polypropylene capacitor
MF	:Metalized film capacitor
TF	:Thin film capacitor
BP	:Bipolar electrolytic capacitor
TAN	:Tantalum capacitor

(3)Coils

No unit	:[μH]
Others	:As specified

(4)Power Supply

:B1 :B2 (12V)
:9V :5V

* Respective voltage values are indicated

(5)Test point

:Test point :Only test point display

(6)Connecting method

:Connector :Wrapping or soldering
:Receptacle

(7)Ground symbol

⊥ :LIVE side ground
⏚ :ISOLATED(NEUTRAL) side ground
⏚ :EARTH ground
▽ :DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND and the ISOLATED(NEUTRAL) : (⏚) side GND.Therefore, care must be taken for the following points.

(1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. If the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.

(2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected , a fuse or any parts will be broken.

◇ **Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.**

NOTE

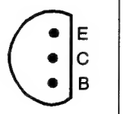
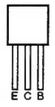
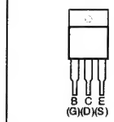
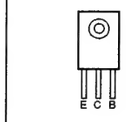
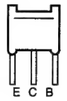
◇ **Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.**
When ordering parts, please use the numbers that appear in the Parts List.

May 2002 No. 51968

CONTENTS

SEMICONDUCTOR SHAPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR 

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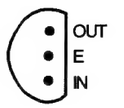
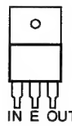
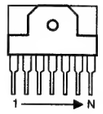
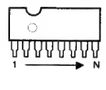
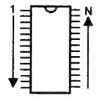
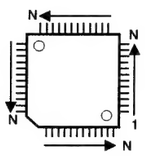
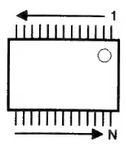
BOTTOM VIEW	FRONT VIEW			TOP VIEW
				

CHIP IC

TOP VIEW		
		

AV SW PWB PATTERN